USER MANUAL

EasyTimePro Third Party API Document

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Important Statements

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Information provided in this manual may differ from actual technical specifications due to the constant development of products. Our company claims no responsibility for any disputes arising out of any discrepancy between actual technical parameters and those

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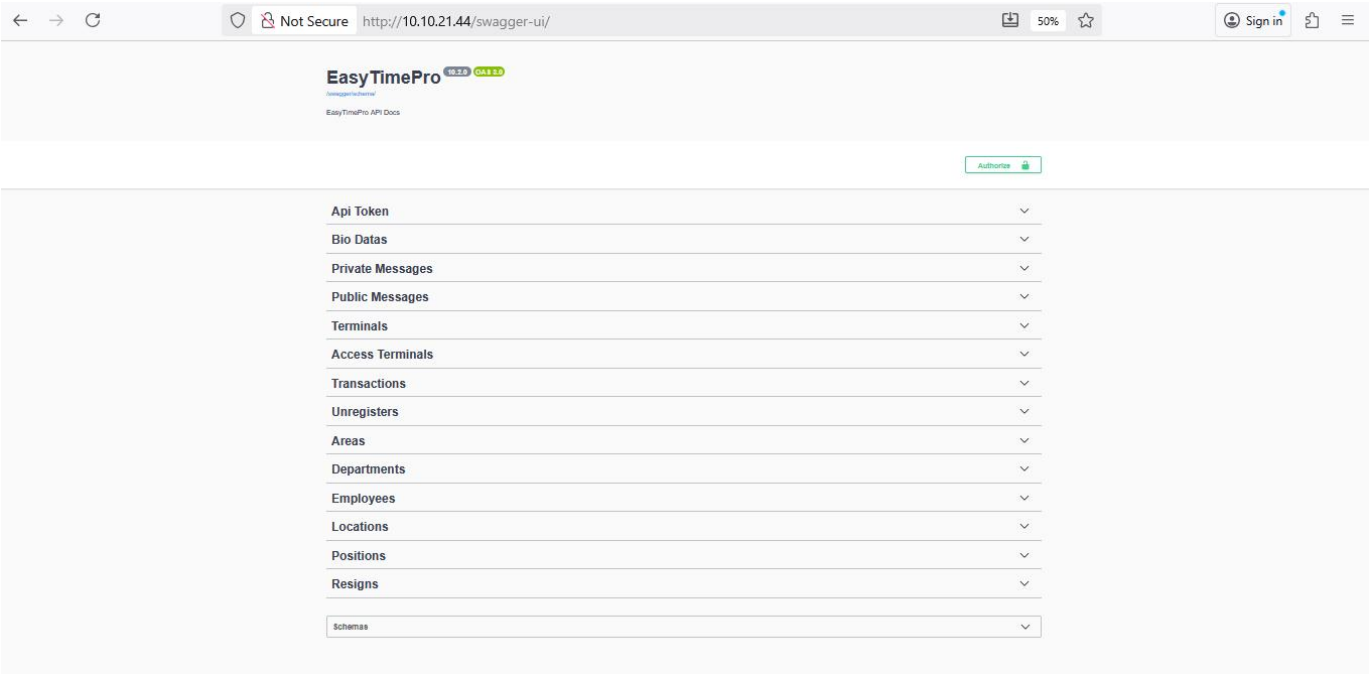
1 Interface Description

Zkteco Products are configured with highly Secured and has rich in its Efficiency to Operate. When the term Secured is considered not only in terms of the Bio Metric Machine but also in software as well. Keeping this into consideration API's are designed in such a way that to Access the API's Requires Authentication Credentials

SAFTEY & SECURITY ARE MORE IMPORTANT THAN CONVENIENCE ----ZKTECO

1.1 Authorize API Level

The API Authorization menu will only be displayed after the API license is activated. Open the corresponding authorized API menu and add the corresponding API client information as shown below:



Based on the standard http interface definition style, in consistent with RESTFUL API style, supports https. Parameter descriptions are as following:

serverIP: EasytimePro server or computer IP, such as: 192.168.1.100;

serverPort: The server port of EasytimePro, such as: 8088;

access_token: API access token is to check whether the requested permission is allowed or denied. All request should pass through a valid token, such as: apitoken;

1.2 Interface Parameter

Public Response Result	{
	"code": 0,
	"message": "string",
	"data": {}
	}

Public Response Result Parameter Description	code: error code, less than 0 means failure, more than 0 means success; msg: Error message data: can refer to each interface description
Basic Parameter Description	Sn: device serial number Pin: pin pageSize: page size; pageNo: page no;

2 Personnel API

2.1 Api-token-auth

2.1.1 Create [/api-token-auth/]

This API is used to obtain a basic authentication token by submitting a username and password.

Post Request URL	http://www.easytimepro.in/api/api-token-auth/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"username": "string",
	"password": "string"
	}

Request Body Description	username: string, is required, the username to login the system. password : string, is required, the password to login the system.

Response Body	{
	"token": "43ae576a6d3d9552546459ba74579a26ee62d89b"
	}

Response Body Description	token: token generated

2.1.2 jwt-api-token-auth [/api/jwt-api-token-auth/]

This API is used to obtain a JSON Web Token (JWT) by providing valid credentials.

Post Request URL	http://www.easytimepro.in/api/jwt-api-token-auth/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"username": "string",
	"password": "string"
	}

Request Body Description	username: string, is required, the username to login the system. password : string, is required, the password to login the system.

Response Body	{
	"refresh": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2tlbl90eXBlIjoicmVmcmVzaCIsImV4cCI6MTc1MDIyOTAwNywiaWF0IjoxNzUwMTQyNjA3LCJqdGkiOiIxYTczY2NjMTFkZjU0OGU0YmE1YTI3NTA0ZWNmOGEyNSIsInVzZXJfaWQiOiI2Nzc1YzgyMy00YjQ1LTExZjAtYWE3Mi02YzI0MDg1Mzc1MzcifQ.ZLeTCDiqDFsyu8NUbqt5WDmcuNwURvFSr4sgRdGEIMQ",
	"access": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2tlbl90eXBlIjoiYWNjZXNzIiwiZXhwIjoxNzUwMTQyOTA3LCJpYXQiOjE3NTAxNDI2MDcsImp0aSI6IjBkYWI2MmFlNzYzYzQyMWJiMzQ4YjkxZTI3YWM0ZmVmIiwidXNlcl9pZCI6IjY3NzVjODIzLTRiNDUtMTFmMC1hYTcyLTZjMjQwODUzNzUzNyJ9.K6nfcbi4mrYESACQQjS7OJNehgJA47oFkBaEYTxYH98"
	}

Response Body Description	Refresh: Access:

2.1.3 jwt-api-token-refresh [/jwt-api-token-refresh/]

This API is used to refresh an existing JWT token before it expires.

Post Request URL	http://www.easytimepro.in/api/jwt-api-token-refresh/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON

Request Parameter Description	

Request Body	{
	"refresh": "string"
	}

Request Body Description	refresh

Response Body	{
	"access": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0b2tlbl90eXBlIjoiYWNjZXNzIiwiZXhwIjoxNzUwMTQzMTAwLCJpYXQiOjE3NTAxNDI2MDcsImp0aSI6ImI1NTg3MWExYzAwNTRiNDdiMDJlOTBmMTZkYzBiYTU2IiwidXNlcl9pZCI6IjY3NzVjODIzLTRiNDUtMTFmMC1hYTcyLTZjMjQwODUzNzUzNyJ9.-TsyU2ACzjJlv6yMGXYPH363AkXUkyvGfQ0kuVBeme0"
	}

Response Body Description	Access: new access token generated

2.1.4 staff-api-token-auth [/staff-api-token-auth/]

This API is used to obtain an authentication token specifically for employee users by providing valid credentials.

Post Request URL	http://www.easytimepro.in/api/staff-api-token-auth/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"username": "string",
	"password": "string"
	}

Request Body Description	username: string, is required, the username to login the system. password : string, is required, the password to login the system.

Response Body	{
	"token": "30da42854021f7772a35cec4dc8fe2aeb5c1e21b"
	}

Response Body Description	Token: Employee token generated

2.1.5 staff-jwt-api-token-auth [/staff-jwt-api-token-auth/]

This API is used to obtain a JWT token specifically for employee users through credential authentication.

Post Request URL	http://www.easytimepro.in/api/staff-jwt-api-token-auth/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"username": "string",
	"password": "string"
	}

Request Body Description	username: string, is required, the username to login the system. password : string, is required, the password to login the system.
Response Body	{

	"token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ1c2VyX2lkIjoiMzA1MDk5MTgyODcxMiIsInVzZXJuYW1lIjoiOTM2MyIsImV4cCI6MTc1MDc0ODAwMiwiZW1haWwiOm51bGwsIm9yaWdfaWF0IjoxNzUwMTQzMjAyfQ.3q47Kx7xBt-1l0qutPJtxWcYYCzKs6et9goJIN0PgsM" } }
Response Body Description	token: the new token generated

3 Personnel API DocsRoots

3.1 Areas API docs

3.1.1 List Areas [/personnel/api/areas/]

This API is used to retrieve the list of all area details.

Post Request URL	http://www.easytimepro.in/personnel/api/areas/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	area_code: Area code area_code_icontains: Case-insensitive partial match for area code area_name: A name of area area_name_icontains: Case-insensitive partial match for area name ordering: Field by which to sort the results (e.g., area_name, -area_code) page: Page number for pagination page_size: Number of records per page parent_area_code: Filter by parent area code. search: General search across multiple fields
Request Body	None

Request Body Description	None

Response Body	{
	"count": 1,
	"next": null,
	"previous": null,
	"msg": "",
	"code": 0,
	"data": [
	{
	"id": 2,
	"area_code": "2",
	"area_name": "Bangalore",
	"parent_area": {
	"id": 1,
	"area_code": "1",
	"area_name": "Not Authorized",
	"parent_area": null
	},
	"company": {
	"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
	"name": "default"
	}
	}
	]

	}
Response Body Description	count: Total number of records next: URL for the next page of results (null if no next page) previous: URL for the previous page of results (null if no previous page) msg: Message accompanying the response (if any) code: Status code indicating the result data.id: Unique identifier of the area data.area_code: Code representing the area data.area_name: Name of the area data.parent_area.id: Unique identifier of the parent area data.parent_area.area_code: Code of the parent area data.parent_area.area_name: Name of the parent area data.parent_area.parent_area: Code of the grandparent area (null if none) data.company.id: Unique ID of the company associated with the area data.company.name: Name of the company

3.1.2 Create Area [/personnel/api/areas/]

This API is used to create a new area with provided data.

Post Request URL	http://www.easytimepro.in/personnel/api/areas/
Request Header	Authorization: Bearer-Token

Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"area_code": "123",
	"area_name": "string",
	"parent_area": "2" (area_code)
	}

Request Body Description	area_code: Code representing the area (string) area_name: Name of the area (string) parent_area: Name of the parent area (integer, use 0 or null if none)

Response Body	{
	"id": 22,
	"area_code": "123",
	"area_name": "String",
	"parent_area": “Bengaluru”
	}

Response Body Description	id: Unique identifier of the area (e.g., 3) area_code: Code representing the area (e.g., "3") area_name: Name of the area (e.g., "Bangalore")

	parent_area: Name of the parent area (e.g., Bengaluru)

3.1.3 Area by Code [/personnel/api/areas/{area_code}/]

This API is used to retrieve details of a specific area by its code.

Post Request URL	http://www.easytimepro.in/personnel/api/areas/{area_code}/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	area_code: A Unique Code identifying the Area code.
Request Body	None
Request Body Description	None

Response Body	{
	"id": 2,
	"area_code": "2",
	"area_name": "Bangalore",
	"parent_area": {
	"id": 1,
	"area_code": "1",
	"area_name": "Not Authorized",

	"parent_area": null
	},
	"company": {
	"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
	"name": "default"
	}
	}

Response Body Description	id: Unique identifier of the area (e.g., 2) area_code: Code representing the area (e.g., "2") area_name: Name of the area (e.g., "Bangalore") parent_area.id: Unique identifier of the parent area (e.g., 1) parent_area.area_code: Code of the parent area (e.g., "1") parent_area.area_name: Name of the parent area (e.g., "Not Authorized") parent_area.parent_area: ID of the grandparent area (null if none) company.id: UUID of the associated company company.name: Name of the company (e.g., "default")

3.1.4 Update Area [/personnel/api/areas/{area_code}/]

This API is used to completely update an existing area's information using its area code.

Post Request URL	http://www.easytimepro.in/personnel/api/areas/{area_code}/
Request Header	Authorization: Bearer-Token
Request Mode	PUT

Data Type	application/json
Response Type	JSON
Request Parameter Description	area_code: This is required field containing the unique Area code.

Request Body	{
	"area_name": "delhi",
	"parent_area": 1
	}

Request Body Description	area_name: Name of the area ("delhi") parent_area: Code of the parent area (eight)

Response Body	{
	"id": 2,
	"area_code": "2",
	"area_name": "delhi",
	"parent_area": "pune"
	}

Response Body Description	id: Unique identifier of the area (2) area_code: Code representing the area ("2") area_name: Name of the area ("delhi") parent_area: Name of the parent area (pune)

3.1.5 Partial Update Area[/personnel/api/areas/{area_code}/]

This API is used to partially update specific fields of an existing area using its area code.

Post Request URL	http://www.easytimepro.in/personnel/api/areas/{area_code}/
Request Header	Authorization: Bearer-Token
Request Mode	PATCH
Data Type	application/json
Response Type	JSON
Request Parameter Description	area_code: This is required field containing the unique Area code.

Request Body	{
	"area_name": "delhii",
	"parent_area": 1
	}

Request Body Description	area_name: Name of the area ("delhi") parent_area: Parent area code (1)

Response Body	{
	"id": 2,
	"area_code": "2",
	"area_name": "delhii",
	"parent_area": “pune”
	}

Response Body Description	id: Unique identifier of the area (2) area_code: Code representing the area ("2")

	area_name: Name of the area ("delhii") parent_area: Parent area name(pune)

3.1.6 Delete Area [/personnel/api/areas/{area_code}/]

This API is used to delete a specific area using its area code.

Post Request URL	http://www.easytimepro.in/personnel/api/areas/{area_code}/
Request Header	Authorization: Bearer-Token
Request Mode	DELETE
Data Type	application/json
Response Type	JSON
Request Parameter Description	Area_code: A Unique Code identifying the Area code.
Request Body	None
Request Body Description	None

Response Body	{
	"message": "deleted"
	}

Response Body Description	message: Confirmation message indicating the resource was deleted ("deleted")

3.1.7 Area Action[/personnel/api/areas/action/]

This API is used to perform a specific action on areas (the action depends on implementation).

Post Request URL	http://www.easytimepro.in/personnel/api/areas/action/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"object_codes": [
	1
	],
	"action_type": "delete"
	}

Request Body Description	object_codes: List of area code on which the action is to be performed ([1]) action_type: Type of action to execute ("delete")

Response Body	{
	"detail": "Success. delete:[1]"
	}

Response Body Description	detail: Success message indicating the deletion of object(s), with code(s) shown ("Success. delete:[1]")

3.1.8 Export Area[/personnel/api/areas/export/]

This API is used to export area data, typically in a downloadable format CSV or Excel and .txt.

Post Request URL	http://www.easytimepro.in/personnel/api/areas/export/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	area_code: A code representing the area area_name: The name of the area parent_area_code: Parent area code is passing (if any) area_code_icontains: Filter for partial match (case-insensitive) on area code area_name_icontains: Filter for partial match (case-insensitive) on area name search: General keyword search across multiple fields

	ordering: Field name to sort results by (prefix with '-' for descending order) export_type: Export type — csv, xls, or txt export_headers: Comma-separated list of specific headers to include in the export
Request Body	None
Request Body Description	None
Response Body	

Area					
No.	Area Code	Area Name	Parent area	Employee count	Resigned Count
1	1	Not Authorized		7	1
2	2	Area1		5	0
3	3	Area2		0	0
4	4	Area3	Area5	0	0
5	5	Area4		0	0
6	6	Area5		1	0
7	7	Area6	Area2	2	0

3.1.9 Import Area[/personnel/api/areas/import_area/]

This API is used to import area data, typically from an uploaded file or data structure.

Post Request URL	http://www.easytimepro.in/personnel/api/areas/import_area/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter	None

Description	
Request Body	import_type * required string (('0', 'not_import'), ('1', 'overwrite')) • 0 - not_import • 1 - overwrite 0 import_file * required string($binary) Browse... No file selected.
Request Body Description	import_type *: Required. Import mode — "0" for not_import (skip existing records) "1" for overwrite (replace existing records) import_file *: Required. File to import, in binary format (e.g., .csv, .xls) A: Area Code; B: Area Name; C: Parent 66 Hebbal

Response Body	{
	"detail": "import successful"
	}

Response Body Description	detail: Message confirming that the import operation was successful ("import successful")

3.2 Department API docs

3.2.1 Create Department List [/personnel/api/departments/]

This API is used to create a new department with the provided data.

Post Request URL	http://www.easytimepro.in/personnel/api/departments/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"dept_code": "5",
	"dept_name": "tw12",
	"parent_dept": 1(dept_code)
	}

Request Body Description	dept_code: Code representing the department ("5") dept_name: Name of the department ("tw12") parent_dept: code of the parent department (1)

Response Body	{
	"id": 3,
	"dept_code": "5",
	"dept_name": "tw12",
	"parent_dept": “Python”
	}

Response Body Description	id: Unique identifier of the department (3) dept_code: Code representing the department ("5")

	dept_name: Name of the department ("tw12") parent_dept: Parent department name (“python”)

3.2.2 Department [/personnel/api/departments/]

This API is used to retrieve the list of all department details.

Post Request URL	http://www.easytimepro.in/personnel/api/departments/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	dept_code: A code representing the department dept_code_icontains: Case-insensitive partial match on department code dept_name: Name of the department dept_name_icontains: Case-insensitive partial match on department name ordering: Which field to use when ordering the results (e.g., dept_name or -dept_code) page: Page number for pagination page_size: Number of records per page parent_dept_code: code of the parent department search: General keyword search across department fields
Request Body	None

Request Body Description	None

Response Body	{
	"count": 2,
	"next": null,
	"previous": null,
	"msg": "",
	"code": 0,
	"data": [
	{
	"id": 2,
	"dept_code": "2",
	"dept_name": "tw",
	"parent_dept_code": {
	"id": 1,
	"dept_code": "1",
	"dept_name": "Department",
	"parent_dept": null
	},
	"parent_dept_name": "Department",
	"company": {
	"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
	"name": "default"
	}
	},

	{
	"id": 3,
	"dept_code": "string",
	"dept_name": "tw",
	"parent_dept": {
	"id": 1,
	"dept_code": "1",
	"dept_name": "Department",
	"parent_dept_code": null
	}
	}
	]
	}

Response Body Description	count: Total number of department records returned next: URL for the next page of results (null if none) previous: URL for the previous page of results (null if none) msg: Response message (empty here) code: Status code indicating the result (0 typically means success) data: List of department objects data.id: Unique identifier of the department data.dept_code: Code representing the department data.dept_name: Name of the department data.parent_dept_code: Code of the parent department data.parent_dept.dept_code: Code of the parent department

	data.parent_dept.dept_name: Name of the parent department data.parent_dept.parent_dept_code: Code of the grandparent department (null if none) data.parent_dept_name: Name of the immediate parent department (for convenience) data.company.id: Unique ID of the associated company data.company.name: Name of the company

3.2.3 Department Code [/personnel/api/departments/{dept_code}/]

This API is used to retrieve the details of a specific department by its dept code.

Post Request URL	http://www.easytimepro.in/personnel/api/departments/{dept_code}/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	dept_code*: A Unique Code identifying the department.
Request Body	None
Request Body Description	None
Response Body	{ "id": 2,

	"dept_code": "2",
	"dept_name": "tw",
	"parent_dept": {
	"id": 1,
	"dept_code": "1",
	"dept_name": "Department",
	"parent_dept": null
	},
	"parent_dept_name": "Department",
	"company": {
	"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
	"name": "default"
	}
	}

Response Body Description	id: Unique identifier of the department (e.g., 2) dept_code: Code representing the department (e.g., "2") dept_name: Name of the department (e.g., "tw") parent_dept.id: ID of the parent department (e.g., 1) parent_dept.dept_code: Code of the parent department (e.g., "1") parent_dept.dept_name: Name of the parent department (e.g., "Department") parent_dept.parent_dept: Grandparent department ID (null if none) parent_dept_name: Name of the immediate parent department (duplicate of `parent_dept.dept_name` for convenience)

	company.id: UUID of the associated company company.name: Name of the associated company (e.g., "default")

3.2.4 Update Department Code [/personnel/api/departments/{dept_code}/]

This API is used to fully update the details of an existing department using its dept code.

Post Request URL	http://www.easytimepro.in/personnel/api/departments/{dept_code}/
Request Header	Authorization: Bearer-Token
Request Mode	PUT
Data Type	application/json
Response Type	JSON
Request Parameter Description	dept_code: This is required field containing the unique department code.
Request Body	{

	"dept_name": "HR", "parent_dept": 1 }
Request Body Description	dept_name: Name of the department ("HR") parent_dept: Code of the parent department (1)

Response Body	{
	"id": 2,
	"dept_code": "2",
	"dept_name": "HR",
	"parent_dept": “python”
	}

Response Body Description	id: Unique identifier of the department (2) dept_code: Code representing the department ("2") dept_name: Name of the department ("HR") parent_dept: Name of the parent department (“python”)

3.2.5 Partial Updated Department [/personnel/api/departments/{dept_code}/]

This API is used to partially update specific fields of an existing department using its department code.

Post Request URL	http://www.easytimepro.in/personnel/api/departments/{dept_code}/

Request Header	Authorization: Bearer-Token
Request Mode	PATCH
Data Type	application/json
Response Type	JSON
Request Parameter Description	dept_code: This is required field containing the unique department code.

Request Body	{
	"dept_name": "HR1",
	"parent_dept": 1
	}

Request Body Description	dept_name: Name of the department ("HR1") parent_dept: Code of the parent department (1)

Response Body	{
	"id": 2,
	"dept_code": "2",
	"dept_name": "HR1",
	"parent_dept": python
	}

Response Body Description	id: Unique identifier of the department (2) dept_code: Code representing the department ("2") dept_name: Name of the department ("HR1") parent_dept: Name of the parent department (“python”)

3.2.6 Delete Department [/personnel/api/departments/{dept_code}/]

This API is used to delete a specific department using its department code.

Post Request URL	http://www.easytimepro.in/personnel/api/departments/{dept_code}/
Request Header	Authorization: Bearer-Token
Request Mode	DELETE
Data Type	application/json
Response Type	JSON
Request Parameter Description	dept_code: A Unique Code identifying the department.
Request Body	None
Request Body Description	None

Response Body	{
	"message": "deleted"
	}

Response Body Description	message: Confirmation that the record was successfully deleted ("deleted")

3.2.7 Department Actions [/personnel/api/departments/action/]

This API is used to perform a specific action on departments (action logic is implementation-dependent).

Post Request URL	http://www.easytimepro.in/personnel/api/departments/action/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"object_codes": [
	1
	],
	"action_type": "delete"
	}

Request Body Description	object_codes: List of department code on which the action is to be performed. ([1]) action_type: Type of action to be executed ("delete")

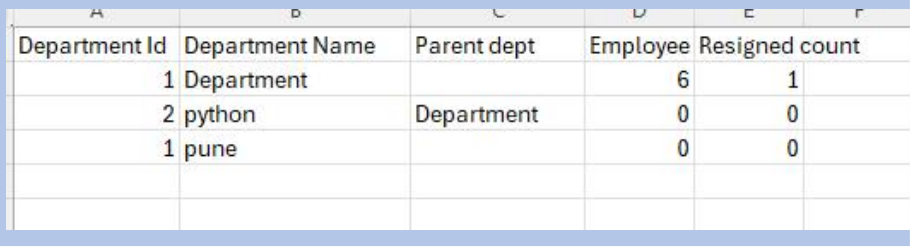
Response Body	{
	"detail": "Success. delete:[1]"
	}

Response Body Description	detail: Message indicating successful deletion of the specified codes ("Success. delete:[1]")

3.2.8 Export Department[/personnel/api/departments/export/]

This API is used to export department data, typically in a downloadable format such as CSV or Excel and .txt.

Post Request URL	http://www.easytimepro.in/personnel/api/departments/export/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	dept_code: A department code dept_name: Name of the department parent_dept_code: Code of the parent department dept_code_icontains: Partial match (case-insensitive) on department code dept_name_icontains: Partial match (case-insensitive) on department name search: General search across department-related fields ordering: Field name to sort the results (e.g., dept_name or -dept_code) export_type: Export type – csv, xls, or txt export_headers: Comma-separated list of headers to include in the export
Request Body	None

Request Body Description	None
Response Body	Download file is in excel format  Department Id, Department Name, Parent dept, Employee, Resigned count 1, Department, , 6, 1 2, python, Department, 0, 0 1, pune, , 0, 0

3.2.9 Import Department [/personnel/api/departments/import_dept/]

This API is used to import department data, typically from an uploaded file or structured data source.

Post Request URL	http://www.easytimepro.in/personnel/api/areas/import_area/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	**import_type** * required string (('0', 'not_import'), ('1', 'overwrite')) • 0 - not_import • 1 - overwrite 0 **import_file** * required string($binary) Choose File No file chosen

<table>
<tr><td>Request Body Description</td><td>import_type *: Required. Import mode
"0" – Do not import if records already exist (not_import)
"1" – Overwrite existing records (overwrite)

import_file *: Required. File to be imported, in binary format (e.g., .csv, .xls)
<table><tr><th>Department Id</th><th>Department Name</th><th>Parent dept</th><th>Employee</th><th>Resigned count</th></tr><tr><td>1</td><td>Department</td><td></td><td>6</td><td>1</td></tr><tr><td>2</td><td>python</td><td>Department</td><td>0</td><td>0</td></tr><tr><td>1</td><td>pune</td><td></td><td>0</td><td>0</td></tr></table></td></tr>
<tr><td>Response Body</td><td>{
"detail": "import successful"
}</td></tr>
<tr><td>Response Body Description</td><td>detail: Message confirming that the import operation was successful ("import successful")</td></tr>
</table>

3.3 Employee API docs

3.3.1 Employee List [/personnel/api/employees/]

This API is used to retrieve the list of all employee details.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	app_status (integer): • 1 – Enabled • 0 – Disabled (Used to filter based on mobile/web app access status) status (integer): • 0 – Valid • 99 / 100 / 999 – Invalid (Used to filter employees by validity status) Validity_start(date): yy-m-day Validity_end(date):yy-m-day emp_code: Filter by exact employee code emp_code_icontains: Case-insensitive partial match on employee code first_name: Filter by exact first name first_name_icontains: Case-insensitive partial match on first

	name last_name: Filter by exact last name last_name_icontains: Case-insensitive partial match on last name ordering: Sort results by a specific field (e.g., first_name, -emp_code) page: Page number for pagination page_size: Number of records per page dept_code: Filter by department code position_code: Filter by position code area_code: Filter by area code search: General keyword search across multiple fields
Request Body	None
Request Body Description	None
Response Body	{ "count": 13, "next": "http://10.10.21.82:91/personnel/api/employees/?page=2", "previous": null, "msg": "", "code": 0, "data": [{ "id": "8569480870399", "emp_code": "1001",

"first_name": "panvith",
"last_name": null,
"nickname": null,
"device_password": null,
"card_no": "71059",
"department": {
"id": 4,
"dept_code": "12",
"dept_name": "python"
},
"position": {
"id": 9,
"position_code": "55",
"position_name": "manager"
},
"area": [
{
"id": 1,
"area_code": "1",
"area_name": "Not Authorized"
}
],
"hire_date": "2025-01-10",
"gender": "M",
"birthday": "1998-06-05",
"verify_mode": 0,

"emp_type": null,
"validity_start": "2025-06-01",
"validity_end": "2025-06-30",
"contact_tel": null,
"office_tel": null,
"mobile": "9876573548",
"national": null,
"city": null,
"address": null,
"postcode": null,
"email": "panvith@zkteco.com",
"enroll_sn": "",
"ssn": "243567281524",
"religion": null,
"enable_att": true,
"enable_overtime": false,
"enable_holiday": true,
"dev_privilege": 0,
"self_password": "pbkdf2_sha256$36000$Gj09deAAUqW7$ih9vyun8PPwxvbG1+bhxB0TIQF+2IUfdhiDUf0AS0o4=",
"flow_role": [],
"app_status": 0,
"app_role": 1,
"update_time": "2025-06-23 14:19:29",
"fingerprint": "-",

	"face": "-", "palm": "-", "vl_face": "-" },] }
Response Body Description	count: Total number of employee records (13) next: URL to fetch the next page of results previous: URL for the previous page (null if first page) msg: Optional message field (empty in this case) code: Status code (0 = success) data.id: Unique employee ID ("8569480870399") data.emp_code: Employee code ("1001") data.first_name: First name of the employee ("panvith") data.last_name: Last name (null if not provided) data.nickname: Nickname (null if not provided) data.device_password: Password for device login (null if not used) data.card_no: Assigned card number ("71059") data.department.id: Department ID (4) data.department.dept_code: Department code ("12") data.department.dept_name: Department name ("python") data.position.id: Position ID (9) data.position.position_code: Position code ("55") data.position.position_name: Position name ("manager")

	data.area: List of area objects (e.g., [{ id: 1, area_code: "1", area_name: "Not Authorized" }]) data.hire_date: Date of hiring ("2025-01-10") data.gender: Gender ("M" for Male) data.birthday: Date of birth ("1998-06-05") data.verify_mode: Verification method used (0) data.emp_type: Employee type (null if not set) data.validity_start: Start date of validity ("2025-06-01") data.validity_end: End date of validity ("2025-06-30") data.contact_tel / office_tel / mobile: Contact numbers (only mobile is provided here: "9876573548") data.national / city / address / postcode: Nationality, city, address, and postal code (null if not provided) data.email: Email address ("panvith@zkteco.com") data.enroll_sn: Enrollment serial number ("" if not enrolled) data.ssn: Social security number ("243567281524") data.religion: Religion (null if not provided) data.enable_att: Attendance enabled (true) data.enable_overtime: Overtime enabled (false) data.enable_holiday: Holiday attendance enabled (true) data.dev_privilege: Device privilege level (0 = Normal) data.self_password: Hashed self-service password data.flow_role: List of workflow roles (empty in this case) data.app_status: App status (0) data.app_role: App role (1) data.update_time: Last update timestamp ("2025-06-23

	14:19:29") data.fingerprint / face / palm / vl_face: Biometric enrollment status ("-" means not enrolled)

3.3.2 Create Employee [/personnel/api/employees/]

This API is used to create a new employee with the provided data.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	{ "emp_code": "5677", "first_name": "madg", "last_name": "", "nickname": "", "device_password": "", "card_no": "", "department": 1, "position": 1, "area": [

1
],
"hire_date": "2025-06-17",
"gender": "M",
"birthday": null,
"verify_mode": null,
"emp_type": null,
"validity_start": "2025-06-17",
"validity_end": "2025-06-26",
"contact_tel": "",
"office_tel": "",
"mobile": "",
"national": "",
"city": "",
"address": "string",
"postcode": "4664602664",
"email": "",
"enroll_sn": "",
"ssn": "",
"religion": "",
"enable_att": true,
"enable_overtime": true,
"enable_holiday": true,
"dev_privilege": 0,
"self_password":
"pbkdf2_sha256$600000$g708QX09ch0KUiR5kCwJ4T$XnOY4d

	2gmpseLhvXsKEHYj+Lk1c084m3PxN278ACH1w=", "flow_role": [], "app_status": 1, "app_role": null }
Request Body Description	emp_code: Unique employee code first_name: Employee's first name last_name: Employee's last name nickname: Optional nickname of the employee device_password: Password used for device-level authentication card_no: Assigned card number for access department: Department code the employee belongs to position: Position code assigned to the employee area: List of area codes the employee has access to hire_date: Date the employee was hired verify_mode: Verification mode (-1 = default/unknown) emp_type: Employee type (e.g., 1 = regular, 2 = contract, etc.) validity_start: Start date of employee validity validity_end: End date of employee validity gender: Gender of the employee (e.g., "M" or "F") birthday: Date of birth contact_tel: Landline contact number (optional) office_tel: Office phone number mobile: Mobile number national: Nationality or national code

	city: City name address: Full address of the employee postcode: Postal or ZIP code email: Email address enroll_sn: Enrollment serial number (used in some systems) ssn: Social security number or similar unique ID religion: Religion of the employee (if applicable) enable_att: Whether attendance tracking is enabled enable_overtime: Whether overtime logging is enabled enable_holiday: Whether holiday tracking is enabled dev_privilege: Device privilege level (e.g., 0 = user, 1 = admin) self_password: Password for self-service or portal login flow_role: List of role codes used in workflow processes app_status: App access status (e.g., 1 = active) app_role: Role ID for the mobile or web app access
Response Body	{ "emp_code": "UlOAWB8yvwKOo4iQ-59M", "first_name": "string", "last_name": "string", "nickname": "string", "device_password": "07983323044226015507", "card_no": "99600011333817669139", "department": string, "position": string, "area": [

```
    string
  ],
  "hire_date": "2025-06-23",
  "gender": "M",
  "birthday": "2025-06-23",
  "verify_mode": -1,
  "emp_type": 1,
  "validity_start": "2025-06-23",
  "validity_end": "2025-06-23",
  "contact_tel": "                                ",
  "office_tel": ". (050).300.7825",
  "mobile": "                                ",
  "national": "GHpVnXWNNaLwgdqXylLloezlWciOZHCUV",
  "city": "bksOWRjSsuokosoTMeIK",
  "address": "string",
  "postcode": "1173231704",
  "email": "user@example.com",
  "enroll_sn": "string",
  "ssn": "08812293328414642981",
  "religion": "",
  "enable_att": true,
  "enable_overtime": true,
  "enable_holiday": true,
  "dev_privilege": 0,
  "self_password": "string",
  "flow_role": [
```

	string], "app_status": 1, "app_role": 1 }
Response Body Description	emp_code: Unique employee code ("UlOAWB8yvwKOo4iQ-59M") first_name: First name ("string") last_name: Last name ("string") nickname: Nickname ("string") device_password: Password for device use ("07983323044226015507") card_no: Card number assigned to employee ("99600011333817669139") department: Department name(“Python”) position: Position name(“manager”) area: List of area names assigned ([“bengaluru”]) hire_date: Date of hire ("2025-06-23") verify_mode: Verification mode (-1 = not set or disabled) emp_type: Employee type ID (1) validity_start: Start date of validity period ("2025-06-23") validity_end: End date of validity period ("2025-06-23") contact_tel: Contact telephone (blank/whitespace) office_tel: Office telephone (". (050).300.7825") mobile: Mobile number (blank/whitespace) email: Email address ("user@example.com")

	gender: Gender ("M") birthday: Birthday ("2025-06-23") national: Nationality or national ID ("GHpVnXWNNaLwgdqXylLloezlWciOZHCUV") city: City name ("bksOWRjSsuokosoTMeIK") address: Full address ("string") postcode: Postal code ("1173231704") enroll_sn: Enrollment serial ("string") ssn: Social Security Number ("08812293328414642981") religion: Religion (empty string = not provided) enable_att: Is attendance tracking enabled? (true) enable_overtime: Is overtime tracking enabled? (true) enable_holiday: Is holiday attendance enabled? (true) dev_privilege: Device privilege level (0 = normal) self_password: Self-service login password ("string") flow_role: Workflow roles assigned ([0]) app_status: App status flag (1) app_role: App role ID (1)

3.3.3 Get Employee Code [/personnel/api/employees/{emp_code}/]

This API is used to retrieve details of a specific employee by their code.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/{emp_code}/
Request Header	Authorization: Bearer-Token

Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	emp_code*: A Unique Code identifying the employee.
Request Body	None
Request Body Description	None

Response Body	{
	"id": "9830830141355",
	"emp_code": "11",
	"first_name": "string",
	"last_name": null,
	"nickname": null,
	"device_password": "",
	"card_no": "",
	"department": {
	"id": 2,
	"dept_code": "2",
	"dept_name": "2"
	},
	"position": {
	"id": 1,
	"position_code": "1",

```
    "position_name": "Position"
  },
  "area": [
    {
      "id": 2,
      "area_code": "32",
      "area_name": "nhgbfvdcsx"
    }
  ],
  "hire_date": "2025-06-17",
  "gender": null,
  "birthday": null,
  "verify_mode": -1,
  "emp_type": 1,
  "validity_start": "2025-06-17",
  "validity_end": "2025-06-19",
  "contact_tel": "",
  "office_tel": "",
  "mobile": "",
  "national": "",
  "city": "",
  "address": null,
  "postcode": null,
  "email": null,
  "enroll_sn": "",
  "ssn": "",
```

	"religion": null, "enable_att": true, "enable_overtime": false, "enable_holiday": true, "dev_privilege": 0, "self_password": "pbkdf2_sha256$600000$vxMcqqhgSOfZ4kcv64Amjp$YOxxqJNhDD+HJby8T1QKAbpkPig7o4FG2MBtRp0c3Rk=", "flow_role": [ ], "app_status": 1, "app_role": 1, "update_time": "2025-06-18 11:38:23", "fingerprint": "Ver string:1", "face": "-", "palm": "-", "vl_face": "-" }
Response Body Description	id: Employee ID emp_code: Employee code first_name: First name last_name: Last name nickname: Nickname device_password: Device password card_no: Card number

	department.id: Department ID department.dept_code: Department code department.dept_name: Department name position.id: Position ID position.position_code: Position code position.position_name: Position name area[0].id: Area ID area[0].area_code: Area code area[0].area_name: Area name hire_date: Hire date gender: Gender birthday: Birthday verify_mode: Verification mode emp_type: Employee type validity_start: Validity start date validity_end: Validity end date contact_tel: Contact telephone office_tel: Office telephone mobile: Mobile number national: Nationality city: City address: Address postcode: Postal code email: Email enroll_sn: Enrollment serial number ssn: Social security number

	religion: Religion enable_att: Attendance enabled enable_overtime: Overtime enabled enable_holiday: Holiday enabled dev_privilege: Device privilege self_password: Encrypted self-password flow_role: Workflow roles app_status: App status app_role: App role update_time: Last update time fingerprint: Fingerprint data face: Face data palm: Palm data vl_face: Visible light face data

3.3.4 Update Employee Details [/personnel/api/employees/{emp_code}/]

This API is used to completely update the details of an existing employee by their code.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/{emp_code}/
Request Header	Authorization: Bearer-Token
Request Mode	PUT
Data Type	application/json
Response Type	JSON

Request Parameter Description	emp_code*:This is required field containing the unique employee code.

Request Body	{
	"first_name": "raj"
	}

Request Body Description	first_name: First name of the person ("raj")
Response Body	{ "emp_code": "5677", "first_name": "raj", "last_name": "", "nickname": "", "device_password": "", "card_no": "", "department": “Python”, "position": manager, "hire_date": "2025-06-17", "gender": "M", "birthday": null, "verify_mode": null, "emp_type": null, "validity_start": "2025-06-17", "validity_end": "2025-06-26", "contact_tel": "",

	"office_tel": "", "mobile": "", "national": "", "city": "", "address": "string", "postcode": "4664602664", "email": "", "enroll_sn": "", "ssn": "", "religion": "", "enable_att": true, "enable_overtime": true, "enable_holiday": true, "dev_privilege": 0, "self_password": "pbkdf2_sha256$600000$g708QX09ch0KUiR5kCwJ4T$XnOY4d2gmpseLhvXsKEHYj+Lk1c084m3PxN278ACH1w=", "flow_role": [], "area": ["Not Authorized"], "app_status": 1, "app_role": null }
Response Body Description	emp_code: Unique employee code or identifier. first_name: Employee's first name. last_name: Employee's last name.

	nickname: Common name or nickname. device_password: Password for device login (if used). card_no: Card number linked to an access card. department: Department name. position: Position name. hire_date: Date of joining (format: YYYY-MM-DD). gender: Gender (M or F). birthday: Date of birth. verify_mode: Verification mode (e.g., fingerprint, face). emp_type: Employee type (e.g., permanent, contract). validity_start: Start date of validity period. validity_end: End date of validity period. contact_tel: Personal contact number. office_tel: Office telephone number. mobile: Mobile number. national: Nationality. city: City or location. address: Residential or mailing address. postcode: Postal code. email: Official email address. enroll_sn: Enrollment serial number for device sync. ssn: Social security or government ID number. religion: Religion or faith (if applicable). enable_att: Enables attendance tracking. enable_overtime: Enables overtime tracking. enable_holiday: Enables holiday attendance. dev_privilege: Device privilege level (0 = Normal, 1 = Admin). self_password: Encrypted self-login password hash. flow_role: Workflow or approval roles assigned. area: Access area(s) assigned to employee. app_status: Application access status (1 = Active). app_role: Mobile or application role.

3.3.5 Partial Employee Details [/personnel/api/employees/{emp_code}/]

This API is used to partially update specific fields of an existing employee using their code.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/{emp_code}/
Request Header	Authorization: Bearer-Token
Request Mode	PATCH
Data Type	application/json
Response Type	JSON
Request Parameter Description	emp_code*: This is required field containing the unique employee code.

Request Body	{
	"first_name": "rajesh"
	}
	}

Request Body Description	first_name: First name of the person ("rajesh")
Response Body	{

"emp_code": "5677",
"first_name": "raj",
"last_name": "",
"nickname": "",
"device_password": "",
"card_no": "",
"department": “Python”,
"position": “manager”,
"hire_date": "2025-06-17",
"gender": "M",
"birthday": null,
"verify_mode": null,
"emp_type": null,
"validity_start": "2025-06-17",
"validity_end": "2025-06-26",
"contact_tel": "",
"office_tel": "",
"mobile": "",
"national": "",
"city": "",
"address": "string",
"postcode": "4664602664",
"email": "",
"enroll_sn": "",
"ssn": "",
"religion": "",

	"enable_att": true, "enable_overtime": true, "enable_holiday": true, "dev_privilege": 0, "self_password": "pbkdf2_sha256$600000$g708QX09ch0KUiR5kCwJ4T$XnOY4d2gmpseLhvXsKEHYj+Lk1c084m3PxN278ACH1w=", "flow_role": [], "area": ["Not Authorized"], "app_status": 1, "app_role": null }
Response Body Description	emp_code: Employee code ("5677") first_name: First name of the employee ("rajesh") last_name: Last name of the employee (empty) nickname: Nickname of the employee (empty) device_password: Password for device authentication (empty) card_no: Card number (empty) department: Department name (“Python”) position: Position name (“manager”) hire_date: Date of hiring ("2025-06-17") gender: Gender ("M") birthday: Birthdate (null) verify_mode: Verification mode (null)

	emp_type: Employee type (null) validity_start: Start date of validity period ("2025-06-17") validity_end: End date of validity period ("2025-06-26") contact_tel: Contact telephone (empty) office_tel: Office telephone (empty) mobile: Mobile number (empty) national: Nationality (empty) city: City (empty) address: Address ("string") postcode: Postal code ("4664602664") email: Email address (empty) enroll_sn: Enrollment serial number (empty) ssn: Social security number (empty) religion: Religion (empty) enable_att: Attendance enabled (true) enable_overtime: Overtime enabled (true) enable_holiday: Holiday tracking enabled (true) dev_privilege: Device privilege level (0) self_password: Encrypted personal password flow_role: List of workflow role codes (empty list) area: List of area names (["Not Authorized"]) app_status: App access status (1) app_role: Application role (null)

3.3.6 Delete [/personnel/api/employees/{emp_code}/]

This API is used to delete a specific employee by their code.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/{emp_code}/
Request Header	Authorization: Bearer-Token
Request Mode	DELETE
Data Type	application/json
Response Type	JSON
Request Parameter Description	emp_code*: A Unique Code identifying the employee.
Request Body	None
Request Body Description	None

Response Body	{
	"message": "deleted"
	}

Response Body Description	Message: Confirms that the requested resource was successfully deleted.

3.3.7 Employee Action [/personnel/api/employees/action/]

This API is used to perform specific actions on employees (action type depends on implementation).

Post Request URL	http://www.easytimepro.in/personnel/api/employees/action/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"object_codes": [
	1582301128473
	],
	"action_type": "delete"
	}

Request Body Description	object_codes: List of employee codes on which the action is to be performed. action_type: Type of action to perform. Use "delete" to remove the specified objects.

Response Body	{
	"detail": "Success. delete:[1582301128473]"
	}

Response Body Description	detail: Confirmation message indicating successful deletion, including the list of deleted object codes.

3.3.8 Adjust Employee Area [/personnel/api/employees/adjust_area/]

This API is used to adjust or reassign an employee's area.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/adjust_area/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"emp_code": [
	"034186661926"
	],
	"area_code": [
	1
	]
	}

Request Body Description	emp_code: List of employee codes(["034186661926"]) Area_code: List of area codes the employees are assigned to

	([1])

Response Body	{
	"detail": "Success."
	}

Response Body Description	detail: Message indicating the operation was successful ("Success.")

3.3.9 Adjust Employee Department [/personnel/api/employees/adjust_depart/]

This API is used to adjust or reassign an employee's department.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/adjust_depart/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"emp_code": [
	"3528301449533"
	],
	"department_code": 1
	}

Request Body Description	emp_code: Array of employee codes to be updated or assigned. Department_code: Target department code to which the listed employees will be assigned.

Response Body	{
	"detail": "Success."
	}

Response Body Description	detail: A message indicating the successful completion of the operation

3.3.10Adjust Employee Type [/personnel/api/employees/adjust_emp_type/]

This API is used to change or update the employee's type (e.g., full-time, part-time).

Post Request URL	http://www.easytimepro.in/personnel/api/employees/adjust_emp_type/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	{

	"emp_code": ["3528301449533"], "emp_type": 1 }
Request Body Description	Emp_code: List of employee codes to be updated. emp_type: Type or category to assign to the employees.

Response Body	{
	"detail": "Success."
	}

Response Body Description	detail: A message indicating the successful completion of the operation

3.3.11 Adjust Employee Position [/personnel/api/employees/adjust_position/]

This API is used to update or adjust an employee's job position.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/adjust_position/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"emp_code": [
	"3528301449533"
	],
	"position_code": 1
	}

Request Body Description	emp_code: List of employee code (["3528301449533"]) Position_code: Position code (1)

Response Body	{
	"detail": "Success."
	}

Response Body Description	detail: A message indicating the successful completion of the operation

3.3.12Adjust Resign [/personnel/api/employees/adjust_resign/]

This API is used to handle employee resignation adjustments.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/adjust_resign/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json

Response Type	JSON
Request Parameter Description	None

Request Body	{
	"emp_code": [
	"034186661926"
	],
	"resign_date": "2025-06-19",
	"report_generation_end_date": "2025-06-20",
	"resign_type": 3,
	"reason": "Got oportunity ",
	"disableatt": true
	}

Request Body Description	Emp_code: List of employee code (["034186661926"]) resign_date: Date of resignation ("2025-06-19") report_generation_end_date: Last date for generating reports ("2025-06-20") resign_type: Resignation type (3) reason: Reason for resignation ("Got oportunity") disableatt: Boolean flag to disable attendance (true)

Response Body	{
	"detail": "Success."
	}

Response Body Description	detail: A message indicating the successful completion of the operation

3.3.13Delete Bio Templete [/personnel/api/employees/del_bio_template/]

This API is used to delete a biometric template linked to an employee.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/del_bio_template/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"emp_code": [
	9830830141355
	],
	"finger_print": false,
	"face": false,
	"finger_vein": false,
	"palm": false,
	"vl_face": false
	}

Request Body Description	emp_code: List of employee code ([9830830141355]) finger_print: Whether fingerprint is enabled (false)

	face: Whether face recognition is enabled (false) finger_vein: Whether finger vein recognition is enabled (false) palm: Whether palm recognition is enabled (false) vl_face: Whether visible light face recognition is enabled (false)

Response Body	{
	"detail": "Success."
	}

Response Body Description	detail: A message indicating the successful completion of the operation

3.3.14Export Employee [/personnel/api/employees/export/]

This API is used to export employee data, typically in formats like CSV or Excel and .txt.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/export/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	emp_code: Employee code first_name: Employee's first name last_name: Employee's last name dept_code: Department code app_status:

	• 1 - Enable • 0 - Disable emp_code_icontains: Partial match of employee code status: • 0 - Valid • 99 / 100 / 999 - Invalid first_name_icontains: Partial match of first name last_name_icontains: Partial match of last name area_code: Area code Position_code: Position code search: General keyword search ordering: Field used to sort the results export_type: Export format (Available values: csv, xls, txt) export_headers: Headers separated by commas
Request Body	None
Request Body Description	None

Response Body	{
	"emp_code": "psDdABs6WGF3xymNrABe",
	"first_name": "string",
	"last_name": "string",
	"nickname": "string",
	"device_password": "19526200855230308853",
	"card_no": "21359711135240172922",
	"department": {

```
    "id": 0,
    "dept_code": "string",
    "dept_name": "string",
    "parent_dept": {
        "id": 0,
        "dept_code": "string",
        "dept_name": "string",
        "parent_dept": 0
    },
    "parent_dept_name": "string",
    "company": {
        "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
        "name": "string"
    }
},
"position": {
    "id": 0,
    "position_code": "string",
    "position_name": "string"
},
"hire_date": "2025-06-18",
"gender": "M",
"birthday": "2025-06-18",
"verify_mode": -1,
"emp_type": 1,
"validity_start": "2025-06-18",
```

```
"validity_end": "2025-06-18",
"contact_tel": "                                ",
"office_tel": "+6 758)-136-5361",
"mobile": "          .(--.631)--.-)",
"national": "iZvfFLWeTrsxivkXxHcYxJAvwtzEmEBAHNd",
"city": "yvbxTfWlRhJBwTR",
"address": "string",
"postcode": "3379892451",
"email": "user@example.com",
"enroll_sn": "string",
"ssn": "45626618095426452197",
"religion": "swwRnEDBjkIVzLTDqbdO",
"enable_att": false,
"enable_overtime": false,
"enable_holiday": false,
"dev_privilege": 0,
"self_password": "string",
"flow_role": [
    0
],
"area": [
    {
        "id": 0,
        "area_code": "string",
        "area_name": "string",
        "parent_area": {
```

	"id": 0,
	"area_code": "string",
	"area_name": "string",
	"parent_area": 0
	},
	"company": {
	"id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
	"name": "string"
	}
	}
	],
	"app_status": 1,
	"app_role": 1,
	"enable_whatsapp": false,
	"enable_sms": false
	}

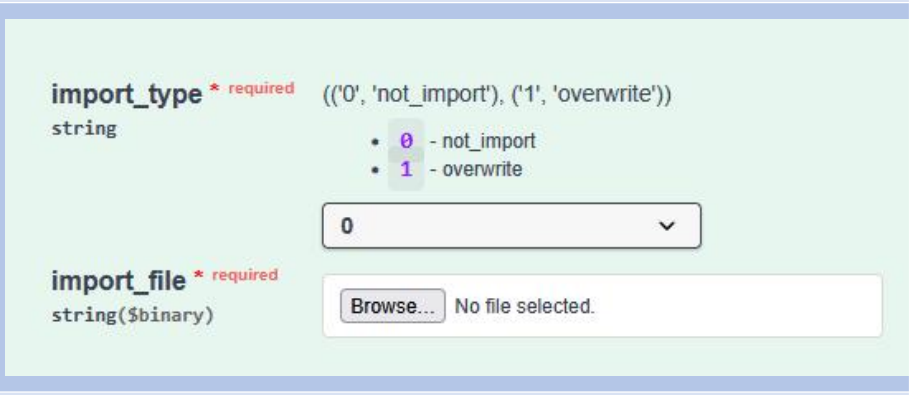
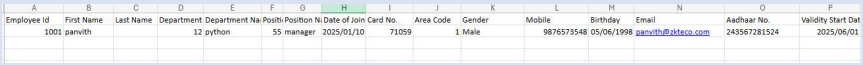
Response Body Description	emp_code: Employee code first_name: First name of the employee last_name: Last name of the employee nickname: Nickname of the employee device_password: Password used on device card_no: Card number assigned to employee department.id: Department ID department.dept_code: Department code department.dept_name: Department name

	department.parent_dept: Parent department object department.parent_dept_name: Name of parent department department.company: Company object related to the department position.id: Position ID position.position_code: Position code position.position_name: Position name hire_date: Date of hiring gender: Gender of the employee birthday: Birthdate of the employee verify_mode: Verification mode used for attendance emp_type: Type of employee validity_start: Start date of validity validity_end: End date of validity contact_tel: Contact telephone number office_tel: Office telephone number mobile: Mobile number national: Nationality or country city: City of residence address: Full address postcode: Postal code email: Email address enroll_sn: Enrollment serial number ssn: Social Security Number religion: Religion enable_att: Enable attendance tracking

	enable_overtime: Enable overtime tracking enable_holiday: Enable holiday tracking dev_privilege: Device access privilege level self_password: Self-service password flow_role: List of workflow role IDs area.id: Area ID area.area_code: Area code area.area_name: Area name area.parent_area.id: Parent area ID area.parent_area.area_code: Parent area code area.parent_area.area_name: Parent area name area.parent_area.parent_area: Higher-level parent area ID area.company.id: Company ID related to area area.company.name: Company name related to area app_status: • 1 - Enable • 0 - Disable app_role: Application role ID enable_whatsapp: Enable WhatsApp enable_sms: Enable SMS

3.3.15Import Employee Details [/personnel/api/employees/import_emp/]

This API is used to import employee data, usually from an uploaded file.

Post Request URL	http://www.easytimepro.in/personnel/api/employees/import_emp/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	
Request Body Description	import_type (required): Type of import operation to perform 0 – Not Import 1 – Overwrite import_file (required): File content in binary format (e.g., CSV, XLSX) 

Response Body	{
	"detail": "import successful"
	}

Response Body Description	detail: Message confirming that the import operation was successful ("import successful")

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Employee Id	First Name	Last Name	Department	Department Na	Positi	Position Na	Date of Join	Card No.	Area Code	Gender	Mobile	Birthday	Email	Aadhaar No.	Validity Start Dat
	1001	panvith		12	python	55	manager	2025/01/10	71059	1	Male	9876573548	05/06/1998	panvith@zkteco.com	243567281524	2025/06/01

3.3.16Update Employee Photo [/personnel/api/employees/update_emp_photo/]

This API is used to update the employee photo, which will be displayed in the employee form

Post Request URL	http://www.easytimepro.in/personnel/api/employees/update_emp_photo/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	emp_code * required string string upload_photo * required string($binary) Browse... No file selected.
Request Body Description	emp_code*: A list of employee codes. (e.g., [3528301449533]) upload_photo: The photo file to be uploaded for the employee (e.g., JPG, PNG). The image should be provided in binary format.

Response Body	{
	"status": "Successfully Photo Updated."
	}

Response Body Description	status: Indicates the outcome of the request "Success" = Operation completed successfully

3.4 Locations

3.4.1 Locations List [/personnel/api/locations/]

This API is used to retrieve the list of all location details.

Post Request URL	http://www.easytimepro.in/personnel/api/locations/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	location_code: A location code location_code_icontains: Case-insensitive partial match for the location code location_name: A location name location_name_icontains: Case-insensitive partial match for the location name ordering: Field used to sort the results (e.g., location_name, -id) page: Page number of the paginated response page_size: Number of records per page parent_location_code: Location code. search: General search across multiple fields
Request Body	None
Request Body Description	None

Response Body	{
	"count": 3,
	"next": null,
	"previous": null,
	"msg": "",
	"code": 0,
	"data": [
	{
	"id": 1,
	"location_code": "1",
	"location_name": "Location",
	"parent_location": null,
	"company": {
	"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
	"name": "default"
	}
	},
	{
	"id": 2,
	"location_code": "2",
	"location_name": "d",
	"parent_location": null,
	"company": {
	"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
	"name": "default"

	}
	},
	{
	"id": 3,
	"location_code": "3",
	"location_name": "k",
	"parent_location": {
	"id": 2,
	"location_code": "2",
	"location_name": "d",
	"parent_location": null
	},
	"company": {
	"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
	"name": "default"
	}
	}
	]
	}

Response Body Description	count: Total number of location records next: URL of the next page of results previous: URL of the previous page of results results.id: Unique identifier of the location results.location_code: Code of the location results.location_name: Name of the location

	results.parent_location.code: Code of the parent location results.parent_location.location_code: Code of the parent location results.parent_location.location_name: Name of the parent location results.parent_location.parent_location: Grandparent location ID (if any) results.company.id: UUID of the company results.company.name: Name of the company

3.4.2 Create locations [/personnel/api/locations/]

This API is used to create a new location with the data provided.

Post Request URL	http://www.easytimepro.in/personnel/api/locations/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	{ "location_code": "4", "location_name": "delhi", "parent_location": 1

	}
Request Body Description	location_code: Code representing the location ("4") location_name: Name of the location ("delhi") parent_location: Code of the parent location (1)

Response Body	{
	"id": 4,
	"location_code": "4",
	"location_name": "delhi",
	"parent_location": “Bengaluru”
	}

Response Body Description	id: Unique identifier of the location (4) location_code: Code representing the location ("4") location_name: Name of the location ("delhi") parent_location: Name of the parent location (“Bengaluru”)

3.4.3 locations Action[/personnel/api/locations/action/]

This API is used to perform a specific action on location records (details depend on implementation).

Post Request URL	http://www.easytimepro.in/personnel/api/locations/action/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json

Response Type	JSON
Request Parameter Description	None

Request Body	{
	"object_codes": [
	2
	],
	"action_type": "delete"
	}

Request Body Description	object_codes: List of Location code on which the action is to be performed.([0]) action_type: Type of action to perform ("delete")

Response Body	{
	"detail": "Success. delete:[2]"
	}

Response Body Description	detail: Message indicating the operation result, including the deleted code(s) ("Success. delete:[2]")

3.4.4 locations Export [/personnel/api/locations/export/]

This API is used to export location data in a downloadable format, such as CSV or Excel and .txt.

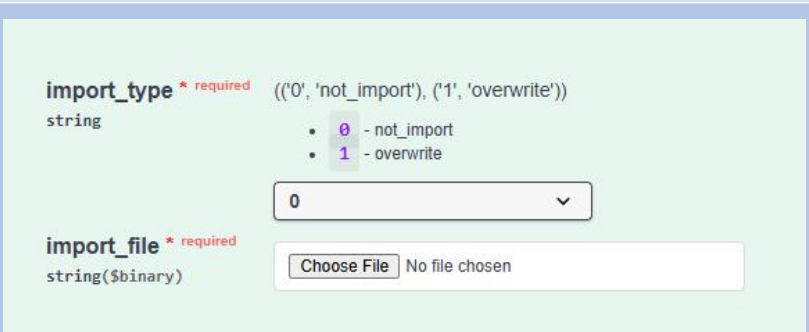
Post Request URL	http://www.easytimepro.in/personnel/api/locations/export/
Request Header	Authorization: Bearer-Token

Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	location_code: Code representing the location location_name: Name of the location parent_location_code: Code of the parent location location_code_icontains: Filter for location_code with case-insensitive partial match location_name_icontains: Filter for location_name with case-insensitive partial match search: General keyword search across fields ordering: Field used to sort the results export_type: Export format of the data (Required) Available values: csv, xls, txt export_headers: Custom export headers, separated by commas
Request Body	None
Request Body Description	None
Response Body	

Location Code	Location Name	Parent location	Employee count	Resigned Count
1	Location	pune	0	0
2	pune	delhi	0	0
3	delhi		0	1
4	thirupathi		0	0
5	aaa		0	0

3.4.5 Import Location [/personnel/api/locations/import_location/]

This API is used to import location data, typically from an uploaded file or data source.

Post Request URL	http://www.easytimepro.in/personnel/api/locations/import_location/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	
Request Body Description	import_type *: Required. Import mode "0" – Do not import if records already exist (not_import) "1" – Overwrite existing records (overwrite) import_file *: Required. File to be imported, in binary format (e.g., .csv, .xls)

Location Code	Location Name	Parent location	Employee count	Resigned Count
1	Location	pune	0	0
2	pune	delhi	0	0
3	delhi		0	1
4	thirupathi		0	0
5	aaa		0	0

Response Body	{
	"detail": "import successful"
	}

Response Body Description	detail: Message confirming that the import operation was successful ("import successful")

3.4.6 Locations by Code [/personnel/api/locations/{location_code}/]

This API is used to retrieve details of a specific location by its code.

Post Request URL	http://www.easytimepro.in/personnel/api/locations/{location_code}/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	Location_code: A Unique Code identifying the Location.
Request Body	None
Request Body Description	None
Response Body	{ "id": 1, "location_code": "1",

	"location_name": "Location",
	"parent_location": null,
	"company": {
	"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
	"name": "default"
	}
	}

Response Body Description	id: Unique identifier of the location (1) location_code: Code representing the location ("1") location_name: Name of the location ("Location") parent_location: A parent location (i.e., it's a top-level location) company.id: Unique identifier of the associated company company.name: Name of the associated company ("default")

3.4.7 Update Locations [/personnel/api/locations/{location_code}/]

This API is used to completely update the information of an existing location using its code.

Post Request URL	http://www.easytimepro.in/personnel/api/locations/{location_code}/
Request Header	Authorization: Bearer-Token
Request Mode	PUT
Data Type	application/json
Response Type	JSON
Request Parameter	location_code*: This is required field containing the unique

Description	Location code.

Request Body	{
	"location_name": "mumbai",
	"parent_location": 2
	}

Request Body Description	location_name: Name of the location ("mumbai") parent_location: Code of the parent location (2)

Response Body	{
	"id": 3,
	"location_code": "3",
	"location_name": "mumbai",
	"parent_location": “Bengaluru”
	}

Response Body Description	id: Unique identifier of the location (3) location_code: Code representing the location ("3") location_name: Name of the location ("mumbai") parent_location: Name of the parent location (“Bengaluru”)

3.4.8 Partial Update Locations [/personnel/api/locations/{location_code}/]

This API is used to update specific fields of a location by its code partially.

Post Request URL	http://www.easytimepro.in/personnel/api/locations/{location_code}/
Request Header	Authorization: Bearer-Token

Request Mode	PATCH
Data Type	application/json
Response Type	JSON
Request Parameter Description	location_code*: This is required field containing the unique Location code.

Request Body	{
	"location_name": "mumbaiiii",
	"parent_location": 2
	}

Request Body Description	location_name: Name of the location ("mumbaiiii") parent_location: Code of the parent location (2)

Response Body	{
	"id": 3,
	"location_code": "3",
	"location_name": "mumbaiiii",
	"parent_location": “Bengaluru”
	}

Response Body Description	id: Unique identifier of the location (3) location_code: Code representing the location ("3") location_name: Name of the location ("mumbaiiii") parent_location: Name of the parent location (“Bengaluru”)

3.4.9 Delete [/personnel/api/locations/{location_code}/]

This API is used to delete a specific location using its code.

Post Request URL	http://www.easytimepro.in/personnel/api/locations/{location_code}/
Request Header	Authorization: Bearer-Token
Request Mode	DELETE
Data Type	application/json
Response Type	JSON
Request Parameter Description	location_code: A unique integer value identifying this Location.
Request Body	None
Request Body Description	None

Response Body	{
	"message": "deleted"
	}

Response Body Description	message: Confirmation message indicating the resource was deleted ("deleted")

3.5 Positions

3.5.1 Positions List [/personnel/api/positions/]

This API is used to retrieve the list of all position details.

Post Request URL	http://www.easytimepro.in/personnel/api/positions/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	ordering (string): Field used to sort the results. page (integer): Page number within the paginated result set. page_size (integer): Number of results to return per page. parent_position_code (integer): Code of the parent position. position_code (string): Exact match for the position code. position_code_icontains (string): Case-insensitive partial match for the position code. position_name (string): Exact match for the position name. position_name_icontains (string): Case-insensitive partial match for the position name. search (string): General search term to filter results.
Request Body	None
Request Body Description	None
Response Body	{

	"count": 1,
	"next": null,
	"previous": null,
	"msg": "",
	"code": 0,
	"data": [
	{
	"id": 1,
	"position_code": "1",
	"position_name": "Position",
	"parent_position": null,
	"parent_position_name": null,
	"company": {
	"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
	"name": "default"
	}
	}
	]
	}

Response Body Description	count: Total number of records (1) next: URL for the next page (null if no next page) previous: URL for the previous page (null if no previous page) msg: Response message (empty in this case) code: Status code of the response (0) data.id: Unique identifier of the position (1)

	data.position_code: Code representing the position ("1") data.position_name: Name of the position ("Position") data.parent_position: Code of the parent position (null if none) data.parent_position_name: Name of the parent position (null if none) data.company.id: Unique identifier of the company ("6b969e80-f3ff-11e9-afc7-acde48001122") data.company.name: Name of the company ("default")

3.5.2 Create Position [/personnel/api/positions/]

This API is used to create a new position with the data provided.

Post Request URL	http://www.easytimepro.in/personnel/api/positions/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON

Request Parameter Description	None

Request Body	{
	"position_code": "2",
	"position_name": "lead",
	"parent_position": 1
	}

Request Body Description	position_code: Code representing the position ("2") position_name: Name of the position ("lead") parent_position: Code of the parent position (1)

Response Body	{
	"position_code": "2",
	"position_name": "lead",
	"parent_position": “manager”
	}

Response Body Description	position_code: Code representing the position ("2") position_name: Name of the position ("lead") parent_position: Name of the parent position (manager)

3.5.3 Positions Action[/personnel/api/positions/action/]

This API is used to perform a specific action on positions (implementation-dependent logic).

Post Request URL	http://www.easytimepro.in/personnel/api/positions/action/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"object_codes": [
	2
	],
	"action_type": "delete"
	}

Request Body Description	object_codes:List of Position code on which the action is to be performed (e.g., [2]) action_type: The type of action to perform (e.g., "delete")

Response Body	{
	"detail": "Success. delete:[2]"
	}

Response Body Description	detail: Confirmation message indicating success. Example - "Success. delete:[2]": Record with code 2 was successfully deleted.

3.5.4 Positions Export[/personnel/api/positions/export/]

This API is used to export position data, typically in CSV or Excel and .txt.

Post Request URL	http://www.easytimepro.in/personnel/api/positions/export/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	position_code: A code identifying the position position_name: Name/title of the position parent_positio_coden: Code of the parent position position_code_icontains: Filter positions where code contains a substring (case-insensitive) position_name_icontains: Filter positions where name contains a substring (case-insensitive) search: Generic search across fields ordering: Field to sort the results by (e.g., position_name, -id) export_type: Export file format (csv, xls, txt)

	export_headers: Specific headers to include in export, separated by commas
Request Body	None
Request Body Description	None
Response Body	

Position Code	Position Name	Parent position	Employee count	Resigned count
1	Position		6	0
3	manager		0	0
4	tlll		0	1

3.5.5 Import Position [/personnel/api/positions/import_position/]

This API is used to import position data from an uploaded file or structured input.

Post Request URL	http://www.easytimepro.in/personnel/api/positions/import_position/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	import_type * required string (('0', 'not_import'), ('1', 'overwrite')) • 0 - not_import • 1 - overwrite 0 import_file * required string($binary) Browse... No file selected.
Request Body Description	import_type *: Required. Import mode "0" – Do not import if records already exist (not_import) "1" – Overwrite existing records (overwrite) import_file *: Required. File to be imported, in binary format (e.g., .csv, .xls)

Position Code	Position Name	Parent position	Employee count	Resigned count
1	Position		6	0
3	manager		0	0
4	tlll		0	1

Response Body	{
	"detail": "import successful"
	}

Response Body Description	detail: Message confirming that the import operation was successful ("import successful")

3.5.6 Position By Code [/personnel/api/positions/{position_code}/]

This API is used to retrieve the details of a specific position by its code.

Post Request URL	http://www.easytimepro.in/personnel/api/positions/{position_code}/
Request Header	Authorization: Bearer-Token

Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	position_code*: A Unique Code identifying the Position.
Request Body	None
Request Body Description	None

Response Body	{
	"id": 3,
	"position_code": "4",
	"position_name": "qwer",
	"parent_position": {
	"id": 1,
	"position_code": "1",
	"position_name": "Position",
	"parent_position": null
	},
	"parent_position_name": "Position",
	"company": {
	"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
	"name": "default"
	}
	}

Response Body Description	id: Unique identifier of the position (3) position_code: Code representing the position ("4") position_name: Name of the position ("qwer") parent_position: Parent position code (1) parent_position.position_code: Code of the parent position ("1") parent_position.position_name: Name of the parent position ("Position") parent_position.parent_position: Null (no higher-level parent) parent_position_name: Name of the parent position ("Position") company.id: Company ID ("6b969e80-f3ff-11e9-afc7-acde48001122") company.name: Name of the company ("default")

3.5.7 Update Position [/personnel/api/positions/{position_code}/]

This API is used to fully update the information of an existing position using its code.

Post Request URL	http://www.easytimepro.in/personnel/api/positions/{position_code}/
Request Header	Authorization: Bearer-Token
Request Mode	PUT
Data Type	application/json
Response Type	JSON
Request Parameter	position_code*: This is required field containing the unique

Description	Position code.

Request Body	{
	"position_name": "qweer",
	"parent_position": 1
	}

Request Body Description	position_name: Name of the position ("qweer") parent_position: Parent position code (1)

Response Body	{
	"position_code": "5",
	"position_name": "qweer",
	"parent_position": “manager”
	}

Response Body Description	position_code: Code representing the position ("5") position_name: Name of the position ("qweer") parent_position: Parent position name (“manager”)

3.5.8 Partial Update Position [/personnel/api/positions/{position_code}/]

This API is used to partially update specific fields of a position using its code.

Post Request URL	http://www.easytimepro.in/personnel/api/positions/{position_code}/
Request Header	Authorization: Bearer-Token

Request Mode	PATCH
Data Type	application/json
Response Type	JSON
Request Parameter Description	position_code*: This is required field containing the unique Position Code.

Request Body	{
	"position_name": "anish",
	"parent_position": 1
	}

Request Body Description	position_name: Name of the position ("qweer") parent_position: Parent position code (1)

Response Body	{
	"position_code": "5",
	"position_name": "qweer",
	"parent_position": “manager”
	}

Response Body Description	position_code: Code representing the position ("5") position_name: Name of the position ("qweer") parent_position: Parent position name (“manager”)

3.5.9 Delete Position [/personnel/api/positions/{position_code}/]

This API is used to delete a specific position by its code.

Post Request URL	http://www.easytimepro.in/personnel/api/positions/{position_code}/
Request Header	Authorization: Bearer-Token
Request Mode	DELETE
Data Type	application/json
Response Type	JSON
Request Parameter Description	position_code: A Unique Code identifying the Position.
Request Body	None
Request Body Description	None

Response Body	{
	"message": "deleted"
	}

Response Body Description	message: Confirmation message indicating the resource was deleted ("deleted")

4 IClock API Docs

4.1 Biodatas

4.1.1 List [/iclock/api/biodatas/]

This API is used to retrieve a list of all biometric data records.

Post Request URL	http://www.easytimepro.in/iclock/api/biodatas/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	bio_index: Integer ,Index number of the biometric entry bio_no: Integer, Unique biometric number (e.g., fingerprint number) bio_type: Integer, Type of biometric data 1 - Fingerprint 2 - Face 5 - Finger Vein 8 - Palm 9 - VLFace Emp_code: String, Employee code ordering: String , Field used to sort the results (e.g., "bio_type",

	"employee") page: Integer, Page number in the paginated response page_size: Integer, Number of items per page search: String, A general search keyword for filtering results sn: String, Serial number of the device or source terminal
Request Body	None
Request Body Description	None
Response Body	{ "id": 8, "employee": "70761", "bio_type": 1, "bio_no": 5, "bio_index": 0, "bio_tmp": "S9lTUzIxAAACmpsECAUHCc7QAAAam2kBAAAAgkcPRJpiAIMPcgCqAIqVkACLAIcP9QCTmvgPjADVAEEP55rZABsPXwA3AGuVwgACAZMPvgASm10PaQAeAYYOvposAZAPmQDqARaU3QA2ARMP6gBImyoPkABQAWkOCWZSjRP/GgNCBGUJmwM/B48Hnnl16YZ3Zx5LK97zwRDqm7uPOg6XKwF8NwfLeh+DTBrEbEdLJer234ox/OZvfbr/ummvhQwh+4Qfg/MD+us9SVqDopm7Hr5r7ashLQEBxhdVAwLpRBPABABijxBUmQGUXRDCCcVJTJM8e8EJAEycCcJnf2ADAEpkxv4Hmk5tesJQCMV2c5NUaAoAVHbDV1lawQQAPXl3QwYC33wDSsAEAIR+b8sHAJWMCVQECAKujPT/MlMOxTSWbf7+W2BK/9QAETHm/UZMZUC1EwKJu979/cA+kP/CpME9FAASxxso/axVRkrA/wzFidYZfYDBwcHD1wDjT5fBwHTBcTrCejoCAObcHsHQABF43f/9RjVHif9GWhUAFu3a/jo1wmf+/1U+QgnFW/Lrw8OIiQgApvD4Zf8+wAsAXTBplFiWfhUAwfxSdotYwcPAw4

	jCB2EXmhP93sA4/QUwNFo/WQYQxwXTav2TEXcOccWhBoQKin4PBv/+TwYHEuMVWsbAxYvSEP2CksD/WMHBRIOGWMNvBhBoJIOfwJARiycGN/86/paNEfkpj1hVB/+QWcLCwsLCwweFDoq5LJB6x8cBxcJZwQkQmzETBcBU7wsQlDIgwpnBw/QCEN81DP/QEPmvkWL+ZMHCB8HHBZrBCBCQNuLCwPDDBhCINy0HwcdkAhDdOhrDwRAbpjuOUkIAC4YBApoKRVIA", "major_ver": "10", "update_time": "2025-06-18 12:04:52", "sn": "BYEL201260001" },
Response Body Description	id: Unique identifier of the biometric record (8) employee: Employee code associated with the biometric data ("70761") bio_type: Type of biometric (e.g., 1 = fingerprint) bio_no: Biometric number or slot (5) bio_index: Index/position of the biometric sample (0) bio_tmp: Biometric template data (Base64-encoded string) major_ver: Major version of the biometric algorithm or template format ("10") update_time: Timestamp when the biometric data was last updated ("2025-06-18 12:04:52") sn: Serial number of the device where the biometric was enrolled ("BYEL201260001")

4.1.2 Export [/iclock/api/biodatas/export/]

This API is used to export biometric data in formats like CSV or Excel and .txt .

Post Request URL	http://www.easytimepro.in/iclock/api/biodatas/export/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	employee: string — Employee code bio_no: string — Biometric number (e.g., fingerprint index) bio_index: string — Index number of the biometric entry bio_type: string — Type of biometric data Available values: 1 – Fingerprint 2 – Face 5 – Finger Vein 8 – Palm 9 – VLFace sn: string — Device serial number search: string — Search keyword for filtering results ordering: string — Field to sort the results by export_type*: string — Export format Available values: csv, xls, txt export_headers: string — Headers to include in export, separated by commas
Request Body	None

Request Body Description	None
Response Body	Download file as a Excel format

Bio-Data

No.	Employee	Bio type	Bio-Index	Template Index	Template	Major Version
1	11 string	1	1	1	string	string
2	14 Guru Prasad	1	4	0	SqdTUzIx	10
3	13 Muna khnaaa	1	5	0	Si9TUzIx	10
4	14 Guru Prasad	1	6	0	SjtTUzIxA	10
5	9 sai	1	6	0	Sh1TUzIx	10
6	71059	1	7	0	S4ITUzIx	10
7	70761	1	5	0	S9ITUzIx	10
8	70767	1	2	0	TVVTUzIx	10

4.1.3 Read [/iclock/api/biodatas/{id}/]

This API is used to retrieve detailed biometric data for a specific record by its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/biodatas/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	Id: A unique integer value identifying this Bio-Data.
Request Body	None
Request Body Description	None

Response Body	{
	"id": 8,
	"employee": "70761",
	"bio_type": 1,
	"bio_no": 5,
	"bio_index": 0,
	"bio_tmp": "S9lTUzIxAAACmpsECAUHCc7QAAAam2kBAAAAgkcPRJpiAIMPcgCqAIqVkACLAIcP9QCTmvgPjADVAEEP55rZABsPXwA3AGuVwgACAZMPvgASm10PaQAeAYYOvposAZAPmQDqARaU3QA2ARMP6gBImyoPkABQAWkOCWZSjRP/GgNCBGUJmwM/B48Hnnl16YZ3Zx5LK97zwRDqm7uPOg6XKwF8NwfLeh+DTBrEbEdLJer234ox/OZvfbr/ummvhQwh+4Qfg/MD+us9SVqDopm7Hr5r7ashLQEBxhdVAwLpRBPABABijxBUmQGUXRDCCcVJTJM8e8EJAEycCcJnf2ADAEpkxv4Hmk5tesJQCMV2c5NUaAoAVHbDV1lawQQAPXl3QwYC33wDSsAEAIR+b8sHAJWMCVQECAKujPT/MlMOxTSWbf7+W2BK/9QAETHm/UZMZUC1EwKJu979/cA+kP/CpME9FAASxxso/axVRkrA/wzFidYZfYDBwcHD1wDjT5fBwHTBcTrCejoCAObcHsHQABF43f/9RjVHif9GWhUAFu3a/jo1wmf+/1U+QgnFW/Lrw8OIiQgApvD4Zf8+wAsAXTBplFiWfhUAwfxSdotYwcPAw4jCB2EXmhP93sA4/QUwNFo/WQYQxwXTav2TEXcOccWhBoQKin4PBv/+TwYHEuMVWsbAxYvSEP2CksD/WMHBRIOGWMNvBhBoJIOfwJARiycGN/86/paNEfkpj1hVB/+QWcLCwsLCwweFDoq5LJB6x8cBxcJZwQkQmzETBcBU7wsQlDIgwpnBw/QCEN81DP/QEPmvkWL+ZMHCB8HHBZrBCBCQNuLCwPDDBhCINy0HwcdkAhDdOhrDwRAbpjuOUkIAC4YBApoKRVIA",
	"major_ver": "10",
	"update_time": "2025-06-18 12:04:52",
	"sn": "BYEL201260001"
	}

Response Body Description	id: Unique identifier of the biometric record (8) employee: Employee code to whom the biometric data belongs ("70761") bio_type: Type of biometric data (e.g., 1 = fingerprint) bio_no: Biometric slot number (5) bio_index: Index/position of the biometric template (0) bio_tmp: Biometric template in Base64-encoded format major_ver: Major version of the biometric algorithm or template ("10") update_time: Date and time when the biometric record was last updated ("2025-06-18 12:04:52") sn: Serial number of the device where the biometric was registered ("BYEL201260001")

4.1.4 Delete [/iclock/api/biodatas/{id}/]

This API is used to delete a specific biometric data record by its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/biodatas/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	DELETE
Data Type	application/json
Response Type	JSON

Request Parameter Description	Id: A unique integer value identifying this Bio-Data.
Request Body	None
Request Body Description	None

Response Body	{
	"message": "deleted"
	}

Response Body Description	message: Confirmation message indicating the resource was deleted ("deleted")

4.2 Private Messages

4.2.1 List [/iclock/api/privatemessages/]

This API is used to retrieve a list of all private messages.

Post Request URL	http://www.easytimepro.in/iclock/api/privatemessages/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	Emp_code: string — Employee code ordering: string — Field to sort the results by (e.g., "punch_time", "employee") page: integer — Page number within the paginated result set page_size: integer — Number of results to return per page search: string — A general search term to filter results
Request Body	None
Request Body Description	None
Response Body	{ "count": 2, "next": null, "previous": null,

```
"msg": "",
"code": 0,
"data": [
  {
    "id": 43,
    "employee": {
      "id": "9830830141355",
      "emp_code": "11",
      "first_name": "string",
      "last_name": null
    },
    "start_time": "2025-06-19 04:55:31",
    "duration": 60,
    "content": "testing",
    "last_send": "2025-06-19 12:10:41",
    "emp_code": "11",
    "first_name": "string",
    "last_name": null
  },
  {
    "id": 35,
    "employee": {
      "id": "9830830141355",
      "emp_code": "11",
      "first_name": "string",
      "last_name": null
```

	}, "start_time": "2025-06-19 04:55:31", "duration": 2147483647, "content": "nfnfvb6fii", "last_send": "2025-06-19 11:42:53", "emp_code": "11", "first_name": "string", "last_name": null } }
Response Body Description	count: Total number of records returned next: URL for the next page of results (null if no next page) previous: URL for the previous page of results (null if no previous page) msg: Optional message (empty in this case) code: Status code (0 typically indicates success) data.id: Unique ID of the record data.employee.id: Unique identifier of the employee data.employee.emp_code: Employee code data.employee.first_name: First name of the employee data.employee.last_name: Last name of the employee data.start_time: Start time of the event/record data.duration: Duration in minutes data.content: Message or description of the record data.last_send: Timestamp of the last message/send event data.emp_code: Employee code (duplicate field)

	data.first_name: First name (duplicate field) data.last_name: Last name (duplicate field)

4.2.2 Create [/iclock/api/privatemessages/]

This API is used to create or send a new private message.

Post Request URL	http://www.easytimepro.in/iclock/api/privatemessages/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"employee": "9830830141355",
	"start_time": "2025-06-19T04:55:31.007Z",
	"duration": 60,
	"content":"testing"
	}

Request Body Description	employee: Employee code ("9830830141355") start_time: Start time of the message/event (ISO 8601 format, e.g., "2025-06-19T04:55:31.007Z") duration: Duration in minutes (e.g., 60) content: Message or note content ("testing")

Response Body	{
	"employee": "9830830141355",
	"start_time": "2025-06-19 04:55:31",
	"duration": 60,
	"content": "testing",
	"last_send": "2025-06-19 12:10:41"
	}

Response Body Description	employee: employee code ("9830830141355") start_time: Start time of the event/message ("2025-06-19 04:55:31") duration: Duration in minutes (60) content: Message or description content ("testing") last_send: Timestamp of the last send action ("2025-06-19 12:10:41")

4.2.3 Action [/iclock/api/privatemessages/action/]

This API is used to perform a specific action on private messages (implementation-specific behavior).

Post Request URL	http://www.easytimepro.in/iclock/api/privatemessages/action/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json

Response Type	JSON
Request Parameter Description	None

Request Body	{
	"object_ids": [
	35,36
	],
	"action_type": "delete"
	}

Request Body Description	object_ids: List of record ids to delete ([35, 36]) action_type: Action to be performed ("delete")

Response Body	{
	"detail": "Success. delete:[35, 36]"
	}

Response Body Description	detail: Confirmation message indicating successful deletion of the specified records ("Success. delete:[35, 36]")

4.2.4 Export [/iclock/api/privatemessages/export/]

This API is used to export private message data, typically in formats like CSV or Excel and .txt .

Post Request URL	http://www.easytimepro.in/iclock/api/privatemessages/export/
Request Header	Authorization: Bearer-Token
Request Mode	GET

Data Type	application/json
Response Type	JSON
Request Parameter Description	Emp_code: string — Employee code search: string — Keyword for filtering results ordering: string — Field used to sort the results export_type*: string — Export format type Available values: csv, xls, txt export_headers: string — Comma-separated list of headers to include in the export
Request Body	None
Request Body Description	None
Response Body	Download file as excel format

Private Message

No.	Employee ID	First name	Last name	Start Time	Duration	Content	Last Send
1	11	string		2025-06-19 04:55:31	2147483647	nfnfvb6fii	2025-06-19 11:42:55
2	11	string		2025-06-19 04:55:31	2147483647	nfnfvb6fii	2025-06-19 11:42:57
3	11	string		2025-06-19 04:55:31	2147483647	nfnfvb6fii	2025-06-19 11:42:58
4	11	string		2025-06-19 04:55:31	2147483647	nfnfvb6fii	2025-06-19 11:43:01
5	11	string		2025-06-19 04:55:31	2147483647	nfnfvb6fii	2025-06-19 11:43:01

4.2.5 Read [/iclock/api/privatemessages/{id}/]

This API is used to retrieve the details of a specific private message by its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/privatemessages/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	GET

Data Type	application/json
Response Type	JSON
Request Parameter Description	Id: integer required, a unique integer value identifying this Private Message.
Request Body	None
Request Body Description	None

Response Body	{
	"id": 43,
	"employee": {
	"id": "9830830141355",
	"emp_code": "11",
	"first_name": "string",
	"last_name": null
	},
	"start_time": "2025-06-19 04:55:31",
	"duration": 60,
	"content": "testing",
	"last_send": "2025-06-19 12:10:41",
	"emp_code": "11",
	"first_name": "string",
	"last_name": null
	}

Response Body Description	id: Unique identifier of the record (43) employee.id: Unique identifier of the employee

	("9830830141355") employee.emp_code: Employee code ("11") employee.first_name: First name of the employee ("string") employee.last_name: Last name of the employee (null) start_time: Start time of the message or event ("2025-06-19 04:55:31") duration: Duration in minutes (60) content: Message or description content ("testing") last_send: Timestamp when the last message was sent ("2025-06-19 12:10:41") emp_code: employee.emp_code ("11") first_name: employee.first_name ("string") last_name: Employee.last_name (null)

4.2.6 Update [/iclock/api/privatemessages/{id}/]

This API is used to fully update a specific private message using its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/privatemessages/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	PUT
Data Type	application/json
Response Type	JSON
Request Parameter Description	id: interger required. A unique integer value identifying this Private Message.

Request Body	{
	"start_time": "2025-06-19T06:44:50.676Z",
	"duration": 60,
	"content": "Meeting"
	}

Request Body Description	start_time: Start time of the event/message in ISO 8601 format ("2025-06-19T06:44:50.676Z") duration: Duration of the event in minutes (60) content: Description or title of the event ("Meeting")

Response Body	{
	"employee": "9830830141355",
	"start_time": "2025-06-19 06:44:50",
	"duration": 60,
	"content": "Meeting",
	"last_send": "2025-06-19 12:15:24"
	}

Response Body Description	employee: employee id ("9830830141355") start_time: Start time of the event/message ("2025-06-19 06:44:50") duration: Duration of the event in minutes (60) content: Description or title of the event ("Meeting") last_send: Timestamp of the last send or notification related to the event ("2025-06-19 12:15:24")

4.2.7 Partial Update [/iclock/api/privatemessages/{id}/]

This API is used to partially update specific fields of a private message using its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/privatemessages/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	PATCH
Data Type	application/json
Response Type	JSON
Request Parameter Description	id: interger required. A unique integer value identifying this Private Message.

Request Body	{
	"start_time": "2025-06-20T06:46:07.452Z"
	}

Request Body Description	start_time: Start time of the event/message in ISO 8601 format ("2025-06-20T06:46:07.452Z")

Response Body	{
	"employee": "9830830141355",
	"start_time": "2025-06-20 06:46:07",
	"duration": 60,
	"content": "Meeting",
	"last_send": "2025-06-19 12:16:26"
	}

Response Body Description	employee: Employee id ("9830830141355") start_time: Scheduled start time of the meeting ("2025-06-20 06:46:07") duration: Duration of the meeting in minutes (60) content: Description or title of the meeting ("Meeting") last_send: Timestamp of the last message or notification sent ("2025-06-19 12:16:26")

4.2.8 Delete [/iclock/api/privatemessages/{id}/]

This API is used to delete a specific private message by its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/privatemessages/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json

Response Type	JSON
Request Parameter Description	id: interger required. A unique integer value identifying this Private Message.
Request Body	None
Request Body Description	None

Response Body	{
	"message": "deleted"
	}

Response Body Description	message: Confirmation message indicating the resource was deleted ("deleted")

4.3 Public Messages

4.3.1 List [/iclock/api/publicmessages/]

This API is used to retrieve a list of all public messages.

Post Request URL	http://www.easytimepro.in/iclock/api/publicmessages/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	ordering: string — Field used to sort the results (e.g., "upload_time", "terminal") page: integer — Page number within the paginated result set page_size: integer — Number of results to return per page search: string — General search keyword for filtering results sn: integer — Serial number used to filter logs by specific serial number
Request Body	None
Request Body Description	None
Response Body	{ "count": 1, "next": null, "previous": null, "msg": "", "code": 0,

	"data": [
	{
	"id": 1,
	"terminal": {
	"id": 1,
	"sn": "BYEL201260001",
	"alias": "Auto add"
	},
	"start_time": "2025-06-19 16:00:00",
	"duration": 60,
	"content": "meeting",
	"last_send": "2025-06-19 12:25:41",
	"terminal_sn": "BYEL201260001",
	"terminal_alias": "Auto add"
	}
	]
	}

Response Body Description	count: Total number of records returned (1) next: URL for the next page of results (null) previous: URL for the previous page of results (null) msg: Optional message (empty) code: Status code (0 = success) data.id: Unique ID of the record (1) data.terminal.id: Unique ID of the terminal (1) data.terminal.sn: Serial number of the terminal ("BYEL201260001")

	data.terminal.alias: Alias name of the terminal ("Auto add") data.start_time: Start time of the event ("2025-06-19 16:00:00") data.duration: Duration of the event in minutes (60) data.content: Description or message content ("meeting") data.last_send: Timestamp when the last notification was sent ("2025-06-19 12:25:41") data.terminal_sn: Terminal serial number (duplicate of terminal.sn) data.terminal_alias: Terminal alias (duplicate of terminal.alias)

4.3.2 Create [/iclock/api/publicmessages/

This API is used to create or post a new public message.

Post Request URL	http://www.easytimepro.in/iclock/api/publicmessages/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter	None

Description	

Request Body	{
	"terminal": SYZ8240100553,
	"start_time": "2025-06-19T06:56:38.376Z",
	"duration": 60,
	"content": "meeting"
	}

Request Body Description	Terminal: Serial number of the terminal (SYZ8240100553) start_time: Start time of the meeting/event in ISO 8601 format ("2025-06-19T06:56:38.376Z") duration: Duration of the meeting/event in minutes (60) content: Description or title of the meeting/event ("meeting")

Response Body	{
	"terminal": 1,
	"start_time": "2025-06-19 06:56:38",
	"duration": 60,
	"content": "meeting",
	"last_send": "2025-06-19 12:26:51"
	}

Response Body Description	terminal: Serial number of the terminal (1) start_time: Scheduled start time of the event ("2025-06-19 06:56:38") duration: Duration of the event in minutes (60) content: Description or purpose of the event ("meeting") last_send: Timestamp when the last message/notification was

	sent ("2025-06-19 12:26:51")

4.3.3 Action [/iclock/api/publicmessages/action/]

This API is used to perform a specific action on public messages (depends on backend implementation).

Post Request URL	http://www.easytimepro.in/iclock/api/publicmessages/action/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"object_ids": [
	1
	],
	"action_type": "delete"
	}

Request Body Description	object_ids: List of Object IDs to be deleted ([1]) action_type: The action to perform on the listed objects ("delete")
Response Body	{ "detail": "Success. delete:[1]"

	}
Response Body Description	detail: Confirmation message indicating successful deletion of the specified records ("Success. delete:[1]")

4.3.4 Export [/iclock/api/publicmessages/export/]

This API is used to export public message data, typically in formats like CSV or Excel and .txt.

Post Request URL	http://www.easytimepro.in/iclock/api/publicmessages/export/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	sn: string — Serial Number search: string — Search term to filter results ordering: string — Field used to sort the results (e.g., "upload_time", "terminal") export_type*: string — Format of the exported file Available values: csv, xls, txt export_headers: string — Comma-separated list of headers to include in the export
Request Body	None
Request Body Description	None

Response Body	Downloaded file as excel format **Public Message** No. | Serial Number | Device Name | Start Time | Duration | Content | Last Send 1 | BYEL20126000 | Auto add | 2025-06-20 07:00:15 | 60 | meeting for python team | 2025-06-19 12:31:58 2 | BYEL20126000 | Auto add | 2025-06-19 06:56:38 | 60 | meeting | 2025-06-19 12:26:51

4.3.5 Read [/iclock/api/publicmessages/{id}/]

This API is used to retrieve the details of a specific public message by its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/publicmessages/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	id: Integer required. A unique integer value identifying this Public Message
Request Body	None
Request Body	None

Description	

Response Body	{
	"count": 1,
	"next": null,
	"previous": null,
	"msg": "",
	"code": 0,
	"data": [
	{
	"id": 1,
	"terminal": {
	"id": 1,
	"sn": "BYEL201260001",
	"alias": "Auto add"
	},
	"start_time": "2025-06-19 16:00:00",
	"duration": 60,
	"content": "meeting",
	"last_send": "2025-06-19 12:25:41",
	"terminal_sn": "BYEL201260001",
	"terminal_alias": "Auto add"
	}
	]
	}

Response Body	count: Total number of records returned (1)

Description	next: URL for the next page of results (null if no next page) previous: URL for the previous page of results (null if no previous page) msg: Optional message (empty string) code: Status code (0 = success) data.id: Unique identifier of the record (1) data.terminal.id: Unique ID of the terminal (1) data.terminal.sn: Serial number of the terminal ("BYEL201260001") data.terminal.alias: Alias name of the terminal ("Auto add") data.start_time: Start time of the event ("2025-06-19 16:00:00") data.duration: Duration of the event in minutes (60) data.content: Description or content of the event ("meeting") data.last_send: Timestamp of the last sent message or notification ("2025-06-19 12:25:41") data.terminal_sn: Terminal serial number (duplicate of terminal.sn) data.terminal_alias: Terminal alias name (duplicate of terminal.alias)

4.3.6 Update [/iclock/api/publicmessages/{id}/]

This API is used to fully update a specific public message using its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/publicmessages/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	PUT
Data Type	application/json
Response Type	JSON
Request Parameter Description	id: Integer required. A unique integer value identifying this Public Message

Request Body	{
	"start_time": "2025-06-20T07:00:15.859Z",
	"duration": 60,
	"content": "meeting at cabin"
	}

Request Body Description	start_time: Scheduled start time of the event in ISO 8601 format ("2025-06-20T07:00:15.859Z") duration: Duration of the event in minutes (60) content: Description or title of the event ("meeting at cabin")
Response Body	{

	"terminal": 1, "start_time": "2025-06-20 07:00:15", "duration": 60, "content": "meeting at cabin", "last_send": "2025-06-19 12:31:06" }
Response Body Description	terminal: Unique ID of the terminal (1) start_time: Scheduled start time of the event ("2025-06-20 07:00:15") duration: Duration of the event in minutes (60) content: Description or title of the event ("meeting at cabin") last_send: Timestamp of the last notification or message sent ("2025-06-19 12:31:06")

4.3.7 Partial Update [/iclock/api/publicmessages/{id}/]

This API is used to partially update specific fields of a public message using its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/publicmessages/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	PATCH
Data Type	application/json
Response Type	JSON
Request Parameter	id: Integer required. A unique integer value identifying this

Description	Public Message

Request Body	{
	"content": "meeting for python team "
	}

Request Body Description	content: Description or purpose of the event/message ("meeting for python team")

Response Body	{
	"terminal": 1,
	"start_time": "2025-06-20 07:00:15",
	"duration": 60,
	"content": "meeting for python team",
	"last_send": "2025-06-19 12:31:58"
	}

Response Body Description	terminal: Unique identifier of the terminal (1) start_time: Scheduled start time of the event ("2025-06-20 07:00:15") duration: Duration of the event in minutes (60) content: Description or title of the event ("meeting for python team") last_send: Timestamp of when the last notification/message was sent ("2025-06-19 12:31:58")

4.3.8 Delete [/iclock/api/publicmessages/{id}/]

This API is used to delete a specific public message by its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/publicmessages/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	Id: A unique integer value identifying this Public Message.
Request Body	None
Request Body Description	None

Response Body	{
	"message": "deleted"
	}

Response Body Description	message: Confirmation message indicating the resource was deleted ("deleted")

4.4 Terminals

4.4.1 List [/iclock/api/terminals/]

This API is used to retrieve a list of all terminal devices.

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	alias: string: Terminal alias name alias_icontains: string — Case-insensitive partial match for alias area_code: integer : Area code associated with the terminal ip_address: string : IP address of the terminal ordering: string : Field used to sort the results (e.g., "alias", "sn", "state") page: integer : Page number within the paginated result set page_size: integer : Number of results to return per page search: string : General search keyword for filtering terminals sn: string: Terminal serial number sn_icontains: string: Case-insensitive partial match for serial number state: integer: Current state of the terminal (e.g., 0 = Offline, 1 = Online)

Request Body	None
Request Body Description	None

Response Body	{
	"count": 4,
	"next": null,
	"previous": null,
	"msg": "",
	"code": 0,
	"data": [
	{
	"id": 1,
	"sn": "BYEL201260001",
	"ip_address": "192.168.1.201",
	"alias": "Auto add",
	"terminal_name": "IN02-A/ID",
	"fw_ver": "Ver 8.0.4.4-20190617",
	"push_ver": "Ver 2.0.36-20180926",
	"state": 1,
	"terminal_tz": 330,
	"area": {
	"id": 5,
	"area_code": "abc",
	"area_name": "a"
	},

"last_activity": "2025-06-18 14:42:15",
"user_count": 6,
"fp_count": 7,
"face_count": 0,
"palm_count": 0,
"transaction_count": 3,
"push_time": "2025-06-18 12:07:08",
"transfer_time": "00:00;14:05",
"transfer_interval": 1,
"is_attendance": 1,
"area_name": "a",
"company": {
"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
"name": "default"
}
},
{
"id": 2,
"sn": "123456765432",
"ip_address": null,
"alias": "1234",
"terminal_name": null,
"fw_ver": null,
"push_ver": null,
"state": 1,
"terminal_tz": 330,

```
            "area": {
                "id": 5,
                "area_code": "abc",
                "area_name": "a"
            },
            "last_activity": null,
            "user_count": null,
            "fp_count": null,
            "face_count": null,
            "palm_count": null,
            "transaction_count": null,
            "push_time": null,
            "transfer_time": "00:00;14:05",
            "transfer_interval": 1,
            "is_attendance": 1,
            "area_name": "a",
            "company": {
                "id": "6b969e80-f3ff-11e9-afc7-acde48001122",
                "name": "default"
            }
        },
        {
            "id": 3,
            "sn": "BYEL2012600012",
            "ip_address": "192.168.1.201",
            "alias": "Auto add",
```

```
            "terminal_name": null,
            "fw_ver": null,
            "push_ver": null,
            "state": 1,
            "terminal_tz": -750,
            "area": {
                "id": 1,
                "area_code": "1",
                "area_name": "Not Authorized"
            },
            "last_activity": null,
            "user_count": null,
            "fp_count": null,
            "face_count": null,
            "palm_count": null,
            "transaction_count": null,
            "push_time": null,
            "transfer_time": "string",
            "transfer_interval": 2147483647,
            "is_attendance": 0,
            "area_name": "Not Authorized",
            "company": {
                "id": "6b969e80-f3ff-11e9-afc7-acde48001122",
                "name": "default"
            }
        },
```

```
{
    "id": 4,
    "sn": "BYEL20126000124",
    "ip_address": "192.168.1.201",
    "alias": "Auto add",
    "terminal_name": null,
    "fw_ver": null,
    "push_ver": null,
    "state": 1,
    "terminal_tz": -750,
    "area": {
        "id": 1,
        "area_code": "1",
        "area_name": "Not Authorized"
    },
    "last_activity": null,
    "user_count": null,
    "fp_count": null,
    "face_count": null,
    "palm_count": null,
    "transaction_count": null,
    "push_time": null,
    "transfer_time": "string",
    "transfer_interval": 2147483647,
    "is_attendance": 0,
    "area_name": "Not Authorized",
```

	"company": {
	"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
	"name": "default"
	}
	}
	]
	}

Response Body Description	id: Unique ID of the terminal sn: Serial number of the terminal ip_address: IP address assigned to the terminal alias: Alias or nickname for easy identification terminal_name: Model or display name of the terminal fw_ver: Firmware version push_ver: Push version used for communication state: Online/offline status (1 = online, 0 = offline) terminal_tz: Timezone offset in minutes (e.g., 330 = UTC+5:30) area.id: ID of the associated area area.area_code: Code of the area area.area_name: Name of the area last_activity: Last known activity time of the terminal user_count: Number of users enrolled fp_count: Number of fingerprints stored face_count: Number of face templates stored palm_count: Number of palm templates stored transaction_count: Total recorded transactions

	push_time: Last push time from device transfer_time: Scheduled times for data transfer (e.g., "00:00;14:05") transfer_interval: Time in minutes between each transfer is_attendance: Flag if terminal is used for attendance (1 = yes, 0 = no) area_name: Area name (redundant to `area.area_name`) company.id: Company ID associated with the terminal company.name: Company name

4.4.2 Create [/iclock/api/terminals/]

This API is used to register or add a new terminal device.

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	{ "sn": "BYEL20126000124", "alias": "Auto add", "ip_address": "192.168.1.201", "terminal_tz": -750, "heartbeat": 2147483647, "transfer_mode": 1, "device_direction": 0, "transfer_interval": 2147483647, "transfer_time": "string", "is_attendance": 0, "is_registration": 0, "is_access": 0, "gps_location": "silkboard", "company": "6b969e80-f3ff-11e9-afc7-acde48001122", "area": 1

	}
Request Body Description	sn: Serial number of the terminal ("BYEL20126000124") alias: Display name or alias for the terminal ("Auto add") ip_address: IP address assigned to the terminal ("192.168.1.201") terminal_tz: Time zone offset of the terminal in minutes (-750 = UTC+12:30) heartbeat: Heartbeat interval in seconds (2147483647 = max value; likely placeholder) transfer_mode: Mode of data transfer (1 = defined mode) device_direction: Direction of the device (0 = default or entry/exit setting) transfer_interval: Time between data transfers in seconds (2147483647 = max value; likely placeholder) transfer_time: Specific time(s) to transfer data ("string" = placeholder) is_attendance: Flag indicating if attendance tracking is enabled (0 = disabled) is_registration: Flag indicating if registration is enabled (0 = disabled) is_access: Flag indicating if access control is enabled (0 = disabled) gps_location: Text description of terminal's GPS location ("silkboard") company: Company ID the terminal is linked to ("6b969e80-f3ff-11e9-afc7-acde48001122") area_code: Area code associated with the terminal (1)
Response Body	{

"id": 4,
"create_time": "2025-06-19 12:52:19",
"create_user": null,
"change_time": "2025-06-19 12:52:19",
"change_user": null,
"status": 0,
"sn": "BYEL20126000124",
"alias": "Auto add",
"ip_address": "192.168.1.201",
"real_ip": null,
"state": 1,
"terminal_tz": -750,
"heartbeat": 2147483647,
"transfer_mode": 1,
"device_direction": 0,
"transfer_interval": 2147483647,
"transfer_time": "string",
"product_type": 9,
"is_attendance": 0,
"is_registration": 0,
"purpose": null,
"controller_type": 0,
"authentication": 1,
"style": null,
"upload_flag": "1111100000",
"fw_ver": null,

"push_protocol": "",
"push_ver": null,
"language": 84,
"is_tft": false,
"terminal_name": null,
"platform": null,
"oem_vendor": null,
"log_stamp": null,
"op_log_stamp": null,
"capture_stamp": null,
"user_count": null,
"user_capacity": null,
"photo_func_on": false,
"transaction_count": null,
"transaction_capacity": null,
"fp_func_on": true,
"fp_count": null,
"fp_capacity": null,
"fp_alg_ver": null,
"face_func_on": false,
"face_count": null,
"face_capacity": null,
"face_alg_ver": null,
"fv_func_on": false,
"fv_count": 0,
"fv_capacity": null,

	"fv_alg_ver": null, "palm_func_on": false, "palm_count": null, "palm_capacity": null, "palm_alg_ver": null, "lock_func": 0, "last_activity": null, "upload_time": null, "push_time": null, "is_access": 0, "gps_location": "silkboard", "company": "6b969e80-f3ff-11e9-afc7-acde48001122", "area": “Not Authorized” }
Response Body Description	id: Unique identifier of the terminal (4) create_time: Timestamp when the terminal record was created ("2025-06-19 12:52:19") create_user: User who created the terminal (null) change_time: Timestamp when the terminal record was last modified ("2025-06-19 12:52:19") change_user: User who last modified the terminal (null) status: Terminal status code (0) sn: Serial number of the device ("BYEL20126000124") alias: Nickname or alias of the terminal ("Auto add") ip_address: Device IP address ("192.168.1.201") real_ip: Real IP if behind NAT (null)

	state: State of the device (1 = active) terminal_tz: Time zone offset (-750) heartbeat: Last heartbeat timestamp or interval (2147483647) transfer_mode: Mode of data transfer (1) device_direction: Direction the device faces (0 = entry) transfer_interval: Interval in seconds for data transfer (2147483647) transfer_time: Scheduled time for data transfer ("string") product_type: Type of the product (9) is_attendance: Flag indicating attendance functionality (0 = disabled) is_registration: Flag indicating registration capability (0 = disabled) purpose: Intended use or note (null) controller_type: Type of controller (0) authentication: Authentication method used (1) style: UI or device style (null) upload_flag: Binary string flag for upload features ("1111100000") fw_ver: Firmware version (null) push_protocol: Protocol used for push notifications ("") push_ver: Push version (null) language: Language code (84) is_tft: Whether the device has a TFT display (false) terminal_name: Name of the terminal (null) platform: Platform type (null)

	oem_vendor: OEM vendor info (null) log_stamp: Log timestamp marker (null) op_log_stamp: Operation log marker (null) capture_stamp: Capture log marker (null) user_count: Total number of users enrolled (null) user_capacity: Maximum user capacity (null) photo_func_on: Whether photo capture is enabled (false) transaction_count: Total transactions (null) transaction_capacity: Maximum transactions (null) fp_func_on: Fingerprint functionality flag (true) fp_count: Number of fingerprints stored (null) fp_capacity: Fingerprint capacity (null) fp_alg_ver: Fingerprint algorithm version (null) face_func_on: Face recognition flag (false) face_count: Number of face records (null) face_capacity: Face recognition capacity (null) face_alg_ver: Face algorithm version (null) fv_func_on: Finger vein feature flag (false) fv_count: Number of finger vein templates (0) fv_capacity: Finger vein capacity (null) fv_alg_ver: Finger vein algorithm version (null) palm_func_on: Palm recognition flag (false) palm_count: Number of palm templates (null) palm_capacity: Palm recognition capacity (null) palm_alg_ver: Palm algorithm version (null) lock_func: Lock functionality flag (0)

	last_activity: Timestamp of last device activity (null) upload_time: Last upload time (null) push_time: Last push notification time (null) is_access: Access control feature flag (0 = disabled) gps_location: GPS location description ("silkboard") company: Associated company UUID ("6b969e80-f3ff-11e9-afc7-acde48001122") area: Associated area name (1)

4.4.3 Action [/iclock/api/terminals/action/]

This API is used to perform a specific action on terminals (e.g., restart, lock, etc.).

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/action/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	{ "object_codes": [35],

	"action_type": "delete" }
Request Body Description	object_codes: List of device serial numbers on which the action is to be performed . ([35]) action_type: The action to perform on the listed objects ("delete")

Response Body	{
	"detail": "Success. delete:[35]"
	}

Response Body Description	detail: Confirmation message indicating successful deletion of the specified records ("Success. delete:[35]")

4.4.4 Enroll Remotely [/iclock/api/terminals/enroll_remotely/]

This API is used to initiate remote enrollment of biometric data on a terminal.

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/enroll_remotely/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"devices_sn": [
	1
	],
	"bio_type": "1",
	"emp_code": "9830830141355",
	"finger": 4
	}

Request Body Description	Devices_sn: List of device serial number to which the biometric data should be pushed ([1]) bio_type: Biometric type to push ("1" = Fingerprint, "2" = Face) emp_code: Unique employee code associated with the biometric data ("9830830141355") finger: Finger index to identify which finger's template to push (4 = Left Hand Thumb) Finger Index Mapping: 0 - (Left Hand) Little Finger 1 - (Left Hand) Ring Finger 2 - (Left Hand) Middle Finger 3 - (Left Hand) Fore Finger 4 - (Left Hand) Thumb 5 - (Right Hand) Thumb 6 - (Right Hand) Fore Finger 7 - (Right Hand) Middle Finger 8 - (Right Hand) Ring Finger 9 - (Right Hand) Little Finger

Response Body	{
	"status": "Success"
	}

Response Body Description	status: Indicates the result of the operation ("Success")

4.4.5 Export [/iclock/api/terminals/export/]

This API is used to export terminal data, typically for reporting or backup purposes in format CSV or Excel and .txt.

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/export/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	sn: Exact serial number of the device alias: Exact alias name of the device

	ip_address: Exact IP address of the device state: Status/state of the device (e.g., 1 = active) area_code: Area code associated with the device sn_icontains: Case-insensitive partial match for the serial number alias_icontains: Case-insensitive partial match for the alias search: General keyword search across relevant fields ordering: Field used to sort the results (e.g., "sn", "-alias") export_type *: File format for exported data - Available values: `csv`, `xls`, `txt` export_headers: Specific headers to include in export, separated by commas - Example: `"sn,alias,ip_address"
Request Body	None
Request Body Description	None
Response Body	**Device** No. | Serial Number | Device IP | Device Name | Timezone | Transfer Time | Transfer Interval | Attendance Device 1 | BYEL201260001 | 192.168.1.201 | Auto add | 330 | 00:00;14:05 | 1 | 1 2 | 123456765432 | | 1234 | 330 | 00:00;14:05 | 1 | 1 3 | BYEL2012600012 | 192.168.1.201 | Auto add | -750 | string | 2147483647 | 0 4 | BYEL2012600012 | 192.168.1.201 | new | -750 | string | 2147483647 | 0

4.4.6 Sync Data to Device [/iclock/api/terminals/sync data to device/]

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/sync_data_to_device/
Request Header	Authorization: Bearer-Token

Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"devices_sn": [
	1
	],
	"emp_code": true,
	"finger_print": true,
	"face": true,
	"finger_vein": true,
	"palm": true,
	"vl_face": true
	}

Request Body Description	devices_sn: List of device serial number to which the data should be pushed (e.g., [1]) emp_code: Boolean flag to push employee code basic information (true = include) finger_print: Boolean flag to push fingerprint data (true = include) face: Boolean flag to push face data (true = include) finger_vein: Boolean flag to push finger vein data (true = include)

	palm: Boolean flag to push palm data (true = include) vl_face: Boolean flag to push visible light face data (true = include)
Response Body	{ "status": "Success"}
Response Body Description	status: Indicates the outcome of the request "Success" = Operation completed successfully

4.4.7 Read [/iclock/api/terminals/{sn}/]

This API is used to retrieve details of a specific terminal by its serial number.

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/{sn}/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	sn: A unique serial number identifying this Device.
Request Body	None
Request Body Description	None
Response Body	{ "id": 1, "sn": "BYEL201260001",

"ip_address": "192.168.1.201",
"alias": "Auto add",
"terminal_name": "IN02-A/ID",
"fw_ver": "Ver 8.0.4.4-20190617",
"push_ver": "Ver 2.0.36-20180926",
"state": 1,
"terminal_tz": 330,
"area": {
"id": 5,
"area_code": "abc",
"area_name": "a"
},
"last_activity": "2025-06-18 14:42:15",
"user_count": 6,
"fp_count": 7,
"face_count": 0,
"palm_count": 0,
"transaction_count": 3,
"push_time": "2025-06-18 12:07:08",
"transfer_time": "00:00;14:05",
"transfer_interval": 1,
"is_attendance": 1,
"area_name": "a",
"company": {
"id": "6b969e80-f3ff-11e9-afc7-acde48001122",
"name": "default"

	} }
Response Body Description	id: Unique identifier of the device (1) sn: Serial number of the device ("BYEL201260001") ip_address: IP address assigned to the device ("192.168.1.201") alias: Alias or label for the device ("Auto add") terminal_name: Model or name of the terminal ("IN02-A/ID") fw_ver: Firmware version of the device ("Ver 8.0.4.4-20190617") push_ver: Push protocol version ("Ver 2.0.36-20180926") state: Status of the device (1 = active, 0 = inactive) terminal_tz: Time zone offset in minutes (330 = UTC+05:30) area.id: Area ID (5) area.area_code: Code of the area ("abc") area.area_name: Name of the area ("a") last_activity: Last recorded device activity timestamp ("2025-06-18 14:42:15") user_count: Total number of users enrolled (6) fp_count: Number of fingerprints enrolled (7) face_count: Number of faces enrolled (0) palm_count: Number of palms enrolled (0) transaction_count: Number of transactions recorded (3) push_time: Last successful push time ("2025-06-18 12:07:08") transfer_time: Scheduled times for data transfer ("00:00;14:05") transfer_interval: Transfer interval in hours or minutes (1) is_attendance: Attendance-enabled flag (1 = enabled, 0 = disabled)

	area_name: Duplicate of area.area_name for convenience ("a") company.id: Company UUID ("6b969e80-f3ff-11e9-afc7-acde48001122") company.name: Name of the company ("default")

4.4.8 Update [/iclock/api/terminals/{sn}/]

This API is used to fully update an existing terminal's information by its serial number.

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/{sn}/
Request Header	Authorization: Bearer-Token
Request Mode	PUT
Data Type	application/json
Response Type	JSON
Request Parameter Description	sn*: A unique serial number identifying this Device.
Request Body	{ "alias": "new", "terminal_tz": -750, "heartbeat": 60, "transfer_mode": 1, "device_direction": 0, "transfer_interval": 2147483647, "transfer_time": "string", "is_attendance": 0,

	"is_registration": 0, "is_access": 0, "gps_location": "delhi", "company": "6b969e80-f3ff-11e9-afc7-acde48001122", "area": 5 }
Request Body Description	alias: Custom name or label for the terminal ("new") terminal_tz: Time zone offset in minutes (-750 = UTC+12:30) heartbeat: Interval (in seconds) for heartbeat/ping (60) transfer_mode: Data transfer mode (1 = auto/manual/custom based on API spec) device_direction: Direction indicator of the device (0 = default or undefined) transfer_interval: Interval in seconds for scheduled data transfer (2147483647 = max int, i.e., rarely or never) transfer_time: Specific time for data transfer (string, placeholder value) is_attendance: Flag indicating if device is used for attendance (0 = false) is_registration: Flag indicating if device is used for registration (0 = false) is_access: Flag indicating if device is used for access control (0 = false) gps_location: GPS-based location or address ("delhi") company: UUID of the associated company ("6b969e80-f3ff-11e9-afc7-acde48001122") area: Code of the associated area (5)

Response Body	{ "id": 3, "create_time": "2025-06-19 12:47:32", "create_user": null, "change_time": "2025-06-19 12:55:47", "change_user": null, "status": 0, "sn": "BYEL2012600012", "alias": "new", "ip_address": "192.168.1.201", "real_ip": null, "state": 1, "terminal_tz": -750, "heartbeat": 60, "transfer_mode": 1, "device_direction": 0, "transfer_interval": 2147483647, "transfer_time": "string", "product_type": 9, "is_attendance": 0, "is_registration": 0, "purpose": null, "controller_type": 0, "authentication": 1, "style": null,

"upload_flag": "1111100000",
"fw_ver": null,
"push_protocol": "",
"push_ver": null,
"language": 84,
"is_tft": false,
"terminal_name": null,
"platform": null,
"oem_vendor": null,
"log_stamp": null,
"op_log_stamp": null,
"capture_stamp": null,
"user_count": null,
"user_capacity": null,
"photo_func_on": false,
"transaction_count": null,
"transaction_capacity": null,
"fp_func_on": true,
"fp_count": null,
"fp_capacity": null,
"fp_alg_ver": null,
"face_func_on": false,
"face_count": null,
"face_capacity": null,
"face_alg_ver": null,
"fv_func_on": false,

	"fv_count": 0, "fv_capacity": null, "fv_alg_ver": null, "palm_func_on": false, "palm_count": null, "palm_capacity": null, "palm_alg_ver": null, "lock_func": 0, "last_activity": null, "upload_time": null, "push_time": "1901-01-01 00:00:00", "is_access": 0, "gps_location": "delhi", "company": "6b969e80-f3ff-11e9-afc7-acde48001122", "area": “hebbal” }
Response Body Description	id: Unique ID of the terminal (3) create_time: Timestamp when the record was created ("2025-06-19 12:47:32") create_user: User who created the record (null) change_time: Timestamp of the last modification ("2025-06-19 12:55:47") change_user: User who last modified the record (null) status: Status flag (0 = inactive or default) sn: Serial number of the device ("BYEL2012600012") alias: Custom label for the device ("new")

	ip_address: Local IP address ("192.168.1.201") real_ip: Public or actual IP (null) state: Device connection state (1 = online/active) terminal_tz: Time zone offset in minutes (-750 = UTC+12:30) heartbeat: Heartbeat interval in seconds (60) transfer_mode: Transfer mode (1 = based on system config) device_direction: Device direction (0 = default) transfer_interval: Time between data transfers (2147483647 = max/intentionally long) transfer_time: Scheduled transfer time ("string", likely placeholder) product_type: Device model/type code (9) is_attendance: Whether used for attendance (0 = No) is_registration: Whether used for registration (0 = No) purpose: Custom purpose or label (null) controller_type: Type of controller (0 = default) authentication: Authentication mode (1 = enabled) style: Visual style or theme (null) upload_flag: Upload options ("1111100000" - binary flags) fw_ver: Firmware version (null) push_protocol: Push communication protocol ("") push_ver: Push protocol version (null) language: Language code (84) is_tft: If TFT display is present (false) terminal_name: Device name (null) platform: Platform identifier (null)

	oem_vendor: OEM vendor (null) log_stamp, op_log_stamp, capture_stamp: Timestamps for different log types (all null) user_count / user_capacity: Number and limit of users (null) transaction_count / transaction_capacity: Number and limit of transactions (null) photo_func_on: Is photo capture enabled (false) fp_func_on: Fingerprint feature enabled (true) fp_count / fp_capacity / fp_alg_ver: Fingerprint data info (null) face_func_on: Face recognition enabled (false) face_count / face_capacity / face_alg_ver: Face data info (null) fv_func_on: Finger vein feature enabled (false) fv_count: Count of vein data (0) fv_capacity / fv_alg_ver: Vein data info (null) palm_func_on: Palm recognition enabled (false) palm_count / palm_capacity / palm_alg_ver: Palm data info (null) lock_func: Lock function status (0 = off) last_activity: Last device activity (null) upload_time: Last upload time (null) push_time: Last push timestamp ("1901-01-01 00:00:00" = default/null-like) is_access: Is access control enabled (0 = No) gps_location: Human-readable location ("delhi") company: Company UUID ("6b969e80-f3ff-11e9-afc7-acde48001122") area: Area name associated (5)

4.4.9 Partial Update [/iclock/api/terminals/{sn}/]

This API is used to partially update specific fields of a terminal by its serial number.

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/{sn}/
Request Header	Authorization: Bearer-Token
Request Mode	PATCH
Data Type	application/json
Response Type	JSON
Request Parameter Description	sn*: A unique serial number identifying this Device.

Request Body	{
	"company": "3fa85f64-5717-4562-b3fc-2c963f66afa6"
	}

Request Body Description	company: Unique identifier (UUID) of the company ("3fa85f64-5717-4562-b3fc-2c963f66afa6")
Response Body	{ "id": 3, "create_time": "2025-06-19 12:47:32", "create_user": null, "change_time": "2025-06-19 12:55:47", "change_user": null, "status": 0,

"sn": "BYEL2012600012",
"alias": "new",
"ip_address": "192.168.1.201",
"real_ip": null,
"state": 1,
"terminal_tz": -750,
"heartbeat": 60,
"transfer_mode": 1,
"device_direction": 0,
"transfer_interval": 2147483647,
"transfer_time": "string",
"product_type": 9,
"is_attendance": 0,
"is_registration": 0,
"purpose": null,
"controller_type": 0,
"authentication": 1,
"style": null,
"upload_flag": "1111100000",
"fw_ver": null,
"push_protocol": "",
"push_ver": null,
"language": 84,
"is_tft": false,
"terminal_name": null,
"platform": null,

	"oem_vendor": null, "log_stamp": null, "op_log_stamp": null, "capture_stamp": null, "user_count": null, "user_capacity": null, "photo_func_on": false, "transaction_count": null, "transaction_capacity": null, "fp_func_on": true, "fp_count": null, "fp_capacity": null, "fp_alg_ver": null, "face_func_on": false, "face_count": null, "face_capacity": null, "face_alg_ver": null, "fv_func_on": false, "fv_count": 0, "fv_capacity": null, "fv_alg_ver": null, "palm_func_on": false, "palm_count": null, "palm_capacity": null, "palm_alg_ver": null, "lock_func": 0,

	"last_activity": null, "upload_time": null, "push_time": "1901-01-01 00:00:00", "is_access": 0, "gps_location": "delhi", "company": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "area": hebbal }
Response Body Description	id : Unique identifier of the terminal (3) create_time: Record creation timestamp ("2025-06-19 12:47:32") create_user : Creator info (null) change_time : Last update timestamp ("2025-06-19 12:55:47") change_user : Last updater info (null) status : Terminal status (0 = Inactive or default) sn : Serial number of the terminal ("BYEL2012600012") alias: Custom alias for the terminal ("new") ip_address : Local IP address of the terminal ("192.168.1.201") real_ip : Actual IP address (null if not applicable) state : Connection or operational state (1 = Active) terminal_tz : Terminal time zone offset in minutes (-750 = UTC+12:30) heartbeat : Heartbeat interval in seconds (60) transfer_mode : Mode of data transfer (1 = predefined or scheduled) device_direction : Direction setting (0 = default)

	transfer_interval : Data transfer interval in seconds (max int = rarely/never) transfer_time : Scheduled transfer time (currently a placeholder "string") product_type : Internal product type ID (9) is_attendance : Attendance mode flag (0 = disabled) is_registration : Registration mode flag (0 = disabled) purpose : Optional usage purpose description (null) controller_type : Type of controller hardware (0 = default) authentication : Authentication mode (1 = enabled) style : Display or layout style (null) upload_flag : Feature upload flags ("1111100000") fw_ver: Firmware version (null) push_protocol : Push protocol used ("" = none) push_ver : Push protocol version (null) language : Language code (84) is_tft : TFT screen present (false) terminal_name : Name of the terminal (null) platform : Operating platform (null) oem_vendor : OEM information (null) log_stamp : Log sync marker (null) op_log_stamp : Operation log marker (null) capture_stamp : Capture log marker (null) user_count : Current number of users (null) user_capacity : Maximum users supported (null) photo_func_on : Photo function enabled (false)

	fp_func_on : Fingerprint enabled (true) fp_count : Stored fingerprint count (null) fp_capacity : Fingerprint capacity (null) fp_alg_ver : Fingerprint algorithm version (null) face_func_on : Face recognition enabled (false) face_count : Stored face data count (null) face_capacity : Face data capacity (null) face_alg_ver : Face recognition algorithm version (null) fv_func_on : Finger vein enabled (false) fv_count : Number of finger vein templates (0) fv_capacity : Finger vein capacity (null) fv_alg_ver Finger vein algorithm version (null) palm_func_on : Palm recognition enabled (false) palm_count : Palm templates stored (null) palm_capacity : Palm capacity (null) palm_alg_ver : Palm recognition algorithm version (null) lock_func : Lock feature flag (0 = disabled) last_activity : Timestamp of last terminal activity (null) upload_time : Last upload timestamp (null) push_time : Last push time ("1901-01-01 00:00:00" = default/placeholder) is_access : Access control enabled (0 = No) gps_location : GPS location string ("delhi") company : Company UUID ("3fa85f64-5717-4562-b3fc-2c963f66afa6") area : Associated area name (5)

4.4.10 Delete [/iclock/api/terminals/{sn}/]

This API is used to delete a specific terminal device by its serial number.

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/{sn}/
Request Header	Authorization: Bearer-Token
Request Mode	DELETE
Data Type	application/json
Response Type	JSON
Request Parameter Description	sn*: A Device serial number.
Request Body	None
Request Body Description	None

Response Body	{
	"message": "deleted"
	}

Response Body Description	message: Confirmation message indicating the resource was deleted ("deleted")

4.4.11 Enrolled Employee [/iclock/api/terminals/enrolled_employees/]

This API is used to display the list of employees registered on a device by its serial number through palm, face, or fingerprint data.

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/enrolled_employees/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	sn * required array<string> string - Add string item
Request Body Description	sn*: List of device serial numbers
Response Body	{

```
"count": 2,
"next": null,
"previous": null,
"msg": "",
"code": 0,
"data": [
  {
    "id": "8571328872513",
    "emp_code": "100024",
    "first_name": "c",
    "last_name": null,
    "nickname": null,
    "device_password": "",
    "card_no": "",
    "department": {
      "id": 1,
      "dept_code": "1",
      "dept_name": "Department"
    },
    "position": {
      "id": 1,
      "position_code": "1",
      "position_name": "Position"
    },
    "area": [
      {
```

"id": 30,
"area_code": "888",
"area_name": "lucknow"
}
],
"hire_date": null,
"gender": null,
"birthday": null,
"verify_mode": 0,
"emp_type": null,
"validity_start": null,
"validity_end": null,
"contact_tel": "",
"office_tel": "",
"mobile": "",
"national": "",
"city": "",
"address": null,
"postcode": null,
"email": null,
"enroll_sn": "CLH8224760441",
"aadhaar_no": "",
"religion": null,
"enable_att": true,
"enable_overtime": false,
"enable_holiday": true,

"dev_privilege": 0,
"self_password": "pbkdf2_sha256$36000$Gj09deAAUqW7$ih9vyun8PPwxvbG1+bhxB0TIQF+2IUfdhiDUf0AS0o4=",
"flow_role": [],
"status": 0,
"app_status": 1,
"app_role": 1,
"update_time": "2025-10-31 16:58:34",
"fingerprint": "Ver 10:1",
"face": "-",
"palm": "-"
},
{
"id": "8571385892228",
"emp_code": "100027",
"first_name": "c",
"last_name": null,
"nickname": null,
"device_password": null,
"card_no": null,
"department": {
"id": 1,
"dept_code": "1",
"dept_name": "Department"
},

"position": {
"id": 1,
"position_code": "1",
"position_name": "Position"
},
"area": [
{
"id": 29,
"area_code": "7777",
"area_name": "delhi"
}
],
"hire_date": null,
"gender": null,
"birthday": null,
"verify_mode": 0,
"emp_type": null,
"validity_start": null,
"validity_end": null,
"contact_tel": null,
"office_tel": null,
"mobile": null,
"national": null,
"city": null,
"address": null,
"postcode": null,

	"email": null, "enroll_sn": "CLH8224760441", "aadhaar_no": null, "religion": null, "enable_att": true, "enable_overtime": false, "enable_holiday": true, "dev_privilege": 0, "self_password": "pbkdf2_sha256$36000$Gj09deAAUqW7$ih9vyun8PPwxvbG1+bhxB0TIQF+2IUfdhiDUf0AS0o4=", "flow_role": [], "status": 0, "app_status": 1, "app_role": 1, "update_time": "2025-10-14 14:10:37", "fingerprint": "Ver 10:1", "face": "Ver 39:1", "palm": "-" }] }
Response Body Description	id: Unique record ID for the employee. emp_code: Employee code or ID used internally. first_name: Employee's first name. last_name: Employee's last name.

	nickname: Nickname or short name of the employee. device_password: Password used for device login (if any). card_no: Assigned card number (if used). department: Contains department details such as ID, code, and name. position: Contains position details such as ID, code, and name. area: List of areas assigned to the employee, with area code and name. hire_date: Date of hiring (if available). gender, birthday, emp_type: Personal information fields (optional). verify_mode: Verification mode code (e.g., 0 = default). validity_start, validity_end: Access validity date range. contact_tel, office_tel, mobile: Contact information. national, city, address, postcode, email: Additional personal details. enroll_sn: Enrollment serial number of the device used. aadhaar_no: Aadhaar number (if applicable). religion: Religion information (optional). enable_att: Indicates if attendance is enabled for this employee. enable_overtime: Indicates if overtime tracking is enabled. enable_holiday: Indicates if holiday tracking is enabled. dev_privilege: Device privilege level (e.g., 0 = normal user). self_password: Encrypted self-service portal password. flow_role: Assigned workflow roles (if any). status: Employee's current system status (e.g., 0 = active).

	app_status: Status in mobile app (1 = active). app_role: Role in mobile app (e.g., 1 = user). update_time: Last update timestamp of the employee record. fingerprint, face, palm: Biometric data availability and version information.

4.4.12 IP Port Update to Device [/iclock/api/terminals/ip_port_update_to_device/]

This API is used to update the port and IP address in the device's cloud server settings.

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/ip_port_update_to_device/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	device_sn * required array<string> string - Add string item ip string string Send empty value port integer 65535 Send empty value
Request Body Description	device_sn*: List of device serial numbers to connect or configure. Each item in the array represents a unique device

	SN. Example: [CLH8224760441] ip: IP address of the target device or server (optional if devices are already registered). Example: "192.168.1.10" port: Port number used for device communication. Default range is 1–65535. Example: 4370

Response Body	{
	"status": "Success"
	}

Response Body Description	status: Indicates the outcome of the request "Success" = Operation completed successfully

4.5 Transactions

4.5.1 List [/iclock/api/transactions/]

This API is used to retrieve a list of all transaction records (e.g., attendance punches or device logs).

Post Request URL	http://www.easytimepro.in/iclock/api/transactions/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	emp_code: Employee code end_time: End time (format: YYYY-MM-DDTHH:MM:SS) ordering: Field name to sort results (prefix with '-' for

	descending) page: Page number of the result set page_size: Number of records per page search: Keyword to search start_time: Start time (format: YYYY-MM-DDTHH:MM:SS) terminal_alias: Terminal alias name terminal_sn: Terminal serial number
Request Body	None
Request Body Description	None
Response Body	{ "count": 10, "next": null, "previous": null, "msg": "", "code": 0, "data": [{ "id": 83, "emp_code": "11", "punch_time": "2025-06-17 17:13:07", "punch_state": "0", "verify_type": 101, "work_code": "", "terminal_sn": "App",

"terminal_alias": null,
"area_alias": null,
"longitude": 77.6908821,
"latitude": 12.9961775,
"gps_location": "3, 1st Main Rd, Maheswari Nagar, B Narayanapura, Mahadevapura, Bengaluru, Karnataka 560048, India",
"mobile": "2",
"source": 3,
"purpose": 1,
"crc": null,
"is_attendance": 1,
"reserved": null,
"upload_time": "2025-06-17 17:13:10",
"sync_status": 0,
"sync_time": null,
"temperature": null,
"mask_flag": null,
"company": "6b969e80-f3ff-11e9-afc7-acde48001122",
"emp": "9830830141355",
"terminal": null
},
{
"id": 75,
"emp_code": "3",
"punch_time": "2025-06-02 09:00:00",

"punch_state": "0",
"verify_type": 0,
"work_code": "",
"terminal_sn": "",
"terminal_alias": null,
"area_alias": null,
"longitude": null,
"latitude": null,
"gps_location": "",
"mobile": null,
"source": 2,
"purpose": 1,
"crc": null,
"is_attendance": 1,
"reserved": null,
"upload_time": "2025-06-04 12:45:22",
"sync_status": 0,
"sync_time": null,
"temperature": null,
"mask_flag": null,
"company": "6b969e80-f3ff-11e9-afc7-acde48001122",
"emp": "3539487498234",
"terminal": null
}

	] }
Response Body Description	count: Total number of punch records (10) next: URL for the next page (null if no next page) previous: URL for the previous page (null if no previous page) msg: Optional message ("" in this case) code: Status code (0 = success) data.id: Unique identifier of the punch record data.emp_code: Employee code associated with the punch (e.g., "11") data.punch_time: Date and time of the punch ("YYYY-MM-DD HH:MM:SS") data.punch_state: Punch state ("0" usually means 'Check-In' or default) data.verify_type: Method used for verification (e.g., 101 = face, 0 = card, etc.) data.work_code: Optional code for shift or task (empty if not used) data.terminal_sn: Serial number of the terminal (e.g., "App") data.terminal_alias: Alias of the terminal (null if not set) data.area_alias: Area alias related to the punch (null if not set) data.longitude: GPS longitude where the punch occurred (nullable) data.latitude: GPS latitude where the punch occurred (nullable) data.gps_location: Full GPS address string data.mobile: Mobile identifier or value (e.g., "2") data.source: Source type (e.g., 3 = mobile app, 2 = device)

	data.purpose: Purpose of punch (e.g., 1 = attendance) data.crc: Optional checksum value (null if not used) data.is_attendance: 1 if considered as attendance punch data.reserved: Reserved field for future use (null) data.upload_time: Time when data was uploaded to the system data.sync_status: Sync status (e.g., 0 = pending, 1 = synced) data.sync_time: Time when record was synced (null if not synced) data.temperature: Temperature reading (nullable) data.mask_flag: Flag indicating if a mask was detected (nullable) data.company: Company ID data.emp: Unique internal employee ID data.terminal: Terminal object or ID (null in this case)

4.5.2 Action [/iclock/api/transactions/action/]

This API is used to perform a specific action on transaction records (e.g., bulk operations or data correction).

Post Request URL	http://www.easytimepro.in/iclock/api/transactions/action/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON

Request Parameter Description	None

Request Body	{
	"upload_file": "string"
	}

Request Body Description	upload_file: Name or reference of the file being uploaded ("string"). The file should be format of Device serial number .dat . (eg.., CK5L201260350_attlog07.dat)

Response Body	{
	"detail": "Success. "
	}

Response Body Description	detail: Confirmation message indicating the operation was successful ("Success. ")

4.5.3 Export [/iclock/api/transactions/export/]

This API is used to export transaction data in formats CSV or Excel, and .txt.

Post Request URL	http://www.easytimepro.in/iclock/api/transactions/export/
Request Header	Authorization: Bearer-Token

Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	emp_code: Employee code terminal_sn: Terminal serial number terminal_alias: Terminal alias name start_time: Start time (format: YYYY-MM-DDTHH:MM:SS) end_time: End time (format: YYYY-MM-DDTHH:MM:SS) search: Keyword to search ordering: Field to sort by (use '-' for descending) export_type *: Export format (csv, xls, txt) export_headers: Comma-separated header fields to include in export
Request Body	None
Request Body Description	None
Response Body	Downloaad file as excel format

Transaction

No.	Employee ID	Punch Time	Upload Time	Punch state	Verify type	Work Code	Area	Serial Number
1	14	2025-06-17 16:54:28	2025-06-18 11:53:03	Check In	Fingerprint		a	BYEL201260001
2	14	2025-06-17 16:56:19	2025-06-18 11:53:04	Check Out	Fingerprint		a	BYEL201260001
3	5	2025-06-04 00:09:00	2025-06-04 12:58:20	Check In	Automatic			
4	6	2025-06-04 00:09:00	2025-06-04 12:58:20	Check In	Automatic			
5	3	2025-06-02 09:00:00	2025-06-04 12:45:22	Check In	Automatic			
6	3	2025-06-02 13:24:00	2025-06-04 12:45:22	Check In	Automatic			
7	3	2025-06-04 00:09:00	2025-06-04 12:58:20	Check In	Automatic			
8	2	2025-06-04 00:09:00	2025-06-04 12:58:20	Check In	Automatic			
9	4	2025-06-04 00:09:00	2025-06-04 12:58:20	Check In	Automatic			
10	11	2025-06-17 17:13:07	2025-06-17 17:13:10	Check In	GPS			App

4.5.4 Read [/iclock/api/transactions/{id}/]

This API is used to retrieve the details of a specific transaction record by its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/transactions/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	Id: A unique integer value identifying this Transaction
Request Body	None
Request Body Description	None
Response Body	{ "id": 83, "emp_code": "11", "punch_time": "2025-06-17 17:13:07", "punch_state": "0", "verify_type": 101, "work_code": "", "terminal_sn": "App", "terminal_alias": null, "area_alias": null, "longitude": 77.6908821, "latitude": 12.9961775, "gps_location": "3, 1st Main Rd, Maheswari Nagar, B

	Narayanapura, Mahadevapura, Bengaluru, Karnataka 560048, India", "mobile": "2", "source": 3, "purpose": 1, "crc": null, "is_attendance": 1, "reserved": null, "upload_time": "2025-06-17 17:13:10", "sync_status": 0, "sync_time": null, "temperature": null, "mask_flag": null, "company": "6b969e80-f3ff-11e9-afc7-acde48001122", "emp": "9830830141355", "terminal": null }
Response Body Description	id: Unique identifier of the punch record (83) emp_code: Employee code ("11") punch_time: Time of the punch event ("2025-06-17 17:13:07") punch_state: Punch state ("0" typically represents a default/check-in state) verify_type: Method of verification (e.g., 101 = face recognition) work_code: Code associated with a specific work task (empty in this case) terminal_sn: Serial number of the terminal or source device

	("App") terminal_alias: Alias for the terminal (null if not provided) area_alias: Alias for the area where punch occurred (null) longitude: GPS longitude of punch location (77.6908821) latitude: GPS latitude of punch location (12.9961775) gps_location: Human-readable GPS address of the punch location mobile: Mobile identifier or status ("2") source: Source type (e.g., 3 = mobile app) purpose: Purpose of the punch (e.g., 1 = attendance) crc: Checksum or validation code (null) is_attendance: Whether the punch is counted for attendance (1 = yes) reserved: Reserved for future use (null) upload_time: Time when punch was uploaded to the server ("2025-06-17 17:13:10") sync_status: Synchronization status (0 = not synced) sync_time: Time when synced with the central server (null) temperature: Temperature recorded at punch time (null) mask_flag: Whether a mask was detected (null) company: Company ID associated with the punch emp: Unique employee identifier ("9830830141355") terminal: Terminal object or ID (null in this case)

4.6 Unregister

4.6.1 List [/iclock/api/unregister/]

This API is used to retrieve a list of all unregistered device entries or user deregistration records.

Post Request URL	http://www.easytimepro.in/iclock/api/unregister/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	end_time: End time (format: YYYY-MM-DDTHH:MM:SS) ordering: Field name to sort the results (e.g., -start_time for descending) page: Page number in paginated results page_size: Number of records per page search: General search keyword start_time: Start time (format: YYYY-MM-DDTHH:MM:SS) terminal_alias: Terminal alias name terminal_sn: Terminal serial number
Request Body	None
Request Body Description	None
Response Body	{ "count": 2, "next": null, "previous": null, "msg": "", "code": 0,

```
"data": [
  {
    "id": 1,
    "punch_time": "2025-06-18 10:45:21",
    "punch_state": "201",
    "verify_type": 1,
    "work_code": "0",
    "terminal_sn": "KTB2243000101",
    "terminal_alias": "Auto add",
    "area_alias": "Mysuru",
    "longitude": null,
    "latitude": null,
    "gps_location": null,
    "mobile": null,
    "source": 1,
    "purpose": 9,
    "crc": "12",
    "is_attendance": null,
    "reserved": null,
    "upload_time": "2025-06-18 10:46:11",
    "sync_status": null,
    "sync_time": null,
    "temperature": null,
    "mask_flag": null,
    "company": "6b969e80-f3ff-11e9-afc7-acde48001122",
    "emp": null,
```

"terminal": 2007
},
{
"id": 2,
"punch_time": "2025-06-18 10:45:23",
"punch_state": "201",
"verify_type": 1,
"work_code": "0",
"terminal_sn": "KTB2243000101",
"terminal_alias": "Auto add",
"area_alias": "Mysuru",
"longitude": null,
"latitude": null,
"gps_location": null,
"mobile": null,
"source": 1,
"purpose": 9,
"crc": "14",
"is_attendance": null,
"reserved": null,
"upload_time": "2025-06-18 10:46:11",
"sync_status": null,
"sync_time": null,
"temperature": null,
"mask_flag": null,
"company": "6b969e80-f3ff-11e9-afc7-acde48001122",

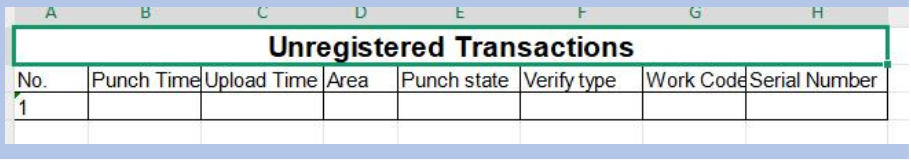
	"emp": null, "terminal": 2007 }] }
Response Body Description	count: Total number of records (e.g., 2). next: URL to the next page of results, if paginated. previous: URL to the previous page of results, if paginated. msg: Message string (usually empty or contains status). code: Status code indicating operation result (e.g., 0). data: Array of attendance punch records. id: Unique ID of the record. punch_time: Timestamp of the punch event. punch_state: Punch state code (e.g., 201). verify_type: Verification method used (e.g., 1 for fingerprint, etc.). work_code: Work code associated with the punch (e.g., "0"). terminal_sn: Serial number of the terminal device. terminal_alias: Display name or alias of the terminal. area_alias: Alias of the area where punch occurred (e.g., "Mysuru"). longitude / latitude: GPS coordinates (null in current data). gps_location: Resolved location from GPS, if available. mobile: Mobile number used (if applicable). source: Source of the punch (e.g., 1 = terminal, 2 = mobile app, etc.).

	purpose: Purpose of the punch (e.g., 9 might refer to "check-in"). crc: Cyclic redundancy check or checksum value. is_attendance: Boolean (or null) indicating if it's a valid attendance punch. reserved: Reserved for future use. upload_time: Timestamp when the punch record was uploaded to the server. sync_status: Sync status flag (null if unsynced). sync_time: Time when the record was last synced (null if not synced). temperature: Body temperature captured (if applicable). mask_flag: Boolean indicating whether a mask was detected. company: Unique company identifier. emp: Reference to the employee code (null in this case). terminal: Terminal ID used for the punch.

4.6.2 Export [/iclock/api/unregister/export/]

This API is used to export unregistration records in format CSV or Excel and .txt.

Post Request URL	http://www.easytimepro.in/iclock/api/unregister/export/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON

Request Parameter Description	terminal_sn: Terminal serial number terminal_alias: Terminal alias start_time: Start time (format: YYYY-MM-DD or YYYY-MM-DDTHH:MM:SS) end_time: End time (format: YYYY-MM-DD or YYYY-MM-DDTHH:MM:SS) search: Search term ordering: Field name to sort the results (prefix with '-' for descending) export_type*: Export format (Available values: csv, xls, txt) export_headers: Headers to include in export, separated by commas
Request Body	None
Request Body Description	None
Response Body	Downloaad file as excel format  Unregistered Transactions No. | Punch Time | Upload Time | Area | Punch state | Verify type | Work Code | Serial Number 1

4.6.3 Read [/iclock/api/unregister/{id}/]

This API is used to retrieve detailed information for a specific unregistration record by its ID.

Post Request URL	http://www.easytimepro.in/iclock/api/unregister/{id}/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	id: A unique integer value identifying this Unregistered Transactions.
Request Body	None
Request Body Description	None
Response Body	{ "id": 1, "punch_time": "2025-06-18 10:45:21", "punch_state": "201", "verify_type": 1, "work_code": "0", "terminal_sn": "KTB2243000101", "terminal_alias": "Auto add", "area_alias": "Mysuru", "longitude": null, "latitude": null,

	"gps_location": null, "mobile": null, "source": 1, "purpose": 9, "crc": "12", "is_attendance": null, "reserved": null, "upload_time": "2025-06-18 10:46:11", "sync_status": null, "sync_time": null, "temperature": null, "mask_flag": null, "company": "6b969e80-f3ff-11e9-afc7-acde48001122", "emp": null, "terminal": 2007 }
Response Body Description	id: Unique ID of the punch record (1) punch_time: Time the punch event was recorded ("2025-06-18 10:45:21") punch_state: Punch state or code representing type of punch (e.g., "201") verify_type: Verification method used (1 = e.g., fingerprint, face, etc.) work_code: Work code entered during punch ("0") terminal_sn: Serial number of the terminal that recorded the punch ("KTB2243000101")

	terminal_alias: User-friendly name of the terminal ("Auto add") area_alias: Name or label of the area where the terminal is located ("Mysuru") longitude: Longitude from GPS (null if not captured) latitude: Latitude from GPS (null if not captured) gps_location: Human-readable location (null = not available) mobile: Mobile number used for punch (null = not applicable) source: Data source identifier (1 = device/manual/api, etc.) purpose: Purpose code of the punch (e.g., 9 = shift start, break, etc.) crc: Checksum or validation code ("12") is_attendance: Indicates if punch is marked for attendance (null = unspecified) reserved: Reserved for future use or notes (null) upload_time: Time when punch was uploaded to server ("2025-06-18 10:46:11") sync_status: Sync status (null = not yet synced or status unknown) sync_time: Time of last synchronization (null = not synced yet) temperature: Body temperature (null = not captured) mask_flag: Flag indicating mask detection (null = not applicable) company: Company identifier ("6b969e80-f3ff-11e9-afc7-acde48001122") emp: Employee ID or object (null = no matching employee found) terminal: Terminal ID (2007)

4.7 Resigns

4.7.1 List [/personnel/api/resigns/]

This API is used to retrieve the list of all resignation records.

Post Request URL	http://www.easytimepro.in/personnel/api/resigns/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	Emp_code: string — Employee code ordering: string — Field used to sort the results page: integer — Page number within the paginated result set page_size: integer — Number of results per page resign_type: integer — Type of resignation Available values: 1 – Quit 2 – Dismissed 3 – Resign 4 – Transfer 5 – Retain Job Without Salary search: string — Keyword to filter results
Request Body	None
Request Body	None

Description	

Response Body	{
	"count": 1,
	"next": null,
	"previous": null,
	"msg": "",
	"code": 0,
	"data": [
	{
	"id": 16,
	"resign_date": "2025-06-19",
	"resign_type": 3,
	"report_generation_end_date": "2025-06-19",
	"disableatt": true,
	"employee": {
	"id": "034186661926",
	"emp_code": "14",
	"first_name": "Guru Prasad",
	"last_name": null
	},
	"first_name": "Guru Prasad",
	"last_name": null
	}
	]
	}

Response Body Description	count: Total number of resignation records (1) next: URL for the next page of data (null if none) previous: URL for the previous page (null if none) msg: Message string (empty in this case) code: Status code (0 = success) data.id: Unique ID of the resignation record (16) data.resign_date: Date of resignation ("2025-06-19") data.resign_type: Resignation type identifier (3) data.report_generation_end_date: End date for reports related to the employee ("2025-06-19") data.disableatt: Boolean flag to disable attendance for the resigned employee (true) data.employee.id: Unique internal ID of the employee ("034186661926") data.employee.emp_code: Employee code ("14") data.employee.first_name: First name of the employee ("Guru Prasad") data.employee.last_name: Last name of the employee (null) data.first_name: Redundant field showing employee's first name data.last_name: Redundant field showing employee's last name

4.7.2 Create [/personnel/api/resigns/]

This API is used to create a new resignation record for an employee.

Post Request URL	http://www.easytimepro.in/personnel/api/resigns/

Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"resign_date": "2025-06-21",
	"report_generation_end_date": "2025-06-22",
	"resign_type": 2,
	"reason": "",
	"disableatt": false,
	"employee": "9947418114146"
	}

Request Body Description	resign_date: The employee's official resignation date ("2025-06-21") report_generation_end_date: The final date up to which reports can be generated ("2025-06-22") resign_type: Type of resignation (2 — the meaning depends on your system's mapping) reason: Optional reason for resignation (empty string in this case) disableatt: Whether to disable attendance for the employee (false = attendance remains enabled)

	employee: A Unique Code identifying the employee code ("9947418114146")

Response Body	{
	"id": 18,
	"resign_date": "2025-06-21",
	"report_generation_end_date": "2025-06-22",
	"resign_type": 2,
	"reason": "",
	"disableatt": false,
	"employee": "9947418114146"
	}

Response Body Description	id: Unique identifier of the resignation record (18) resign_date: The employee's official resignation date ("2025-06-21") report_generation_end_date: Final date up to which reports can be generated ("2025-06-22") resign_type: Type of resignation (2 — meaning depends on system-defined values) reason: Optional reason for resignation (empty in this case) disableatt: Indicates whether attendance has been disabled for the employee (false) employee: Unique identifier of the employee code ("9947418114146")

4.7.3 Read [/personnel/api/resigns/{emp_code}/]

This API is used to retrieve details of a specific resignation record by its code.

Post Request URL	http://www.easytimepro.in/personnel/api/resigns/{emp_code}/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	emp_code*:A Unique Code identifying the employee.
Request Body	None
Request Body Description	None

Response Body	{
	"id": 18,
	"resign_date": "2025-06-21",
	"resign_type": 2,
	"report_generation_end_date": "2025-06-22",
	"disableatt": false,
	"employee": {
	"id": "9947418114146",
	"emp_code": "12",
	"first_name": "ttt",
	"last_name": null

	}, "first_name": "ttt", "last_name": null }
Response Body Description	id: Unique ID of the resignation entry (18) resign_date: Date the employee officially resigned ("2025-06-21") resign_type: Type of resignation (2 — system-specific meaning) report_generation_end_date: Last date reports can be generated ("2025-06-22") disableatt: Indicates if attendance is disabled for this employee (false) employee.id: Unique employee identifier ("9947418114146") employee.emp_code: Employee code ("12") employee.first_name: First name ("ttt") employee.last_name: Last name (null) first_name: Employee's first name ("ttt") last_name: Employee's last name (null)

4.7.4 Update [/personnel/api/resigns/{emp_code}/]

This API is used to completely update the information of an existing resignation record using its code.

Post Request URL	http://www.easytimepro.in/personnel/api/resigns/{emp_code}/
Request Header	Authorization: Bearer-Token

Request Mode	PUT
Data Type	application/json
Response Type	JSON
Request Parameter Description	emp_code*:This is required field containing the unique employee code.

Request Body	{
	"resign_date": "2025-06-21",
	"resign_type": 1,
	"report_generation_end_date": "2025-06-23",
	"disableatt": true
	}

Request Body Description	resign_date: Official resignation date ("2025-06-21") resign_type: Resignation type (1 — typically represents 'Voluntary' depending on your system) report_generation_end_date: Final date for report generation related to the employee ("2025-06-23") disableatt: Boolean flag to disable attendance for the employee (true = attendance will be disabled)

Response Body	{
	"resign_date": "2025-06-21",
	"resign_type": 1,
	"report_generation_end_date": "2025-06-23",
	"disableatt": true
	}

Response Body	resign_date: "2025-06-21"

Description	→ The official resignation date of the employee. resign_type: 1 → Type of resignation (e.g., 1 may indicate "Voluntary" depending on your system definitions). report_generation_end_date: "2025-06-23" → The final date for generating reports related to this employee. disableatt: true Indicates that the employee's attendance will be disabled from the resignation date onward.

4.7.5 Partial Update [/personnel/api/resigns/{emp_code}/]

This API is used to partially update specific fields of a resignation record using its code.

Post Request URL	http://www.easytimepro.in/personnel/api/resigns/{emp_code}/
Request Header	Authorization: Bearer-Token
Request Mode	PATCH
Data Type	application/json
Response Type	JSON
Request Parameter Description	emp_code*: This is required field containing the unique employee code.
Request Body	{ "resign_date": "2025-06-21",

	"resign_type": 1, "report_generation_end_date": "2025-06-22", "disableatt": true }
Request Body Description	resign_date: "2025-06-21" → The official date on which the employee resigned. resign_type: 1 → Type of resignation. (e.g., 1 could mean "Voluntary Resignation" — depends on system-defined enums.) report_generation_end_date: "2025-06-22" → The last date up to which employee-related reports can be generated. disableatt: true → A flag to disable attendance for the employee after resignation (true = attendance is disabled).

Response Body	{
	"resign_date": "2025-06-21",
	"resign_type": 1,
	"report_generation_end_date": "2025-06-22",
	"disableatt": true
	}

Response Body Description	resign_date: "2025-06-21" → The official date the employee resigned. resign_type: 1 → Type of resignation. (Typically: 1 = Voluntary, 2 =

	Termination, etc.) report_generation_end_date: "2025-06-22" → Last date for generating reports related to the employee after resignation. disableatt: true → Whether to disable the employee's attendance moving forward (true = attendance disabled).

4.7.6 Delete [/personnel/api/resigns/{emp_code}/]

This API is used to delete a specific resignation record by its code.

Post Request URL	http://www.easytimepro.in/personnel/api/resigns/{emp_code}/
Request Header	Authorization: Bearer-Token
Request Mode	DELETE
Data Type	application/json
Response Type	JSON
Request Parameter Description	emp_code*: A Unique Code identifying the employee.
Request Body	None
Request Body Description	None

Response Body	{
	"message": "deleted"
	}

Response Body Description	message: Confirmation message indicating the resource was deleted ("deleted")

4.7.7 Action [/personnel/api/resigns/action/]

This API is used to perform a specific action on resignation records (action logic is implementation-dependent).

Post Request URL	http://www.easytimepro.in/personnel/api/resigns/action/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"object_codes": [
	18
	],
	"action_type": "delete"
	}

Request Body Description	object_codes: List of employee codes on which the action is to be performed .([18]) action_type: The action to perform on the listed objects ("delete")

Response Body	{
	"detail": "Success. delete:[18]"
	}

Response Body Description	detail: Confirmation message indicating successful deletion of the specified records ("Success. delete:[18]")

4.7.8 Disable Attendance [/personnel/api/resigns/disable_att/]

This API is used to disable attendance for a resigned employee.

Post Request URL	http://www.easytimepro.in/personnel/api/resigns/disable_att/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None

Request Body	{
	"emp_code": [
	8982075597391
	]
	}

Request Body Description	employees: [8982075597391] → An array containing one or more employee code.

Response Body	{
	"detail": "Success."
	}

Response Body Description	detail: "Success." A confirmation message indicating that the requested operation was successfully completed.

4.7.9 Export [/personnel/api/resigns/export/]

This API is used to export resignation data, typically in formats like CSV or Excel and .txt.

Post Request URL	http://www.easytimepro.in/personnel/api/resigns/export/
Request Header	Authorization: Bearer-Token
Request Mode	GET
Data Type	application/json
Response Type	JSON
Request Parameter Description	Emp_code: string — Employee code resign_type: string — Type of resignation (e.g., 1, 2, etc.) search: string — Keyword to filter results (duplicate keys should be avoided) ordering: string — Field used to sort the results export_type: string required — File format for export Available values: csv, xls, txt export_headers: string — Comma-separated list of headers to include in the export
Request Body	None

Request Body Description	None
Response Body	

Resign

No.	Emp code	First name	Last name	Resign Date	Report Generation End Date	Resign type
1	71059	ss		2025-11-03	2025-11-03	Quit

4.7.10Import Resign [/personnel/api/resigns/import_resign/]

This API is used to import resignation records from an uploaded file or structured data.

Post Request URL	http://www.easytimepro.in/personnel/api/resigns/import_resign/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	
Request Body Description	import_type *: Required. Import mode "0" – Do not import if records already exist (not_import)

import_type * required
string

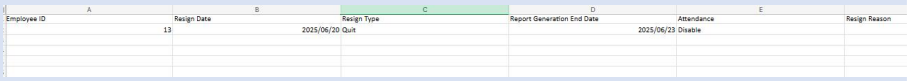
(('0', 'not_import'), ('1', 'overwrite'))

- 0 - not_import
- 1 - overwrite

0

import_file * required
string($binary)

Browse... No file selected.

	"1" – Overwrite existing records (overwrite) import_file *: Required. File to be imported, in binary format (e.g., .csv, .xls)  A: Employee ID; B: Resign Date; C: Resign Type; D: Report Generation End Date; E: Attendance; Resign Reason 13; 2025/06/20; Quit; 2025/06/23; Disable

Response Body	{
	"detail": "import successful"
	}

Response Body Description	detail: Message confirming that the import operation was successful ("import successful")

4.7.11 Rehire [/personnel/api/resigns/rehire/]

This API is used to rehire a previously resigned employee.

Post Request URL	http://www.easytimepro.in/personnel/api/resigns/rehire/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json
Response Type	JSON
Request Parameter Description	None
Request Body	{ "emp_code": [8982075597391

	] }
Request Body Description	Provide valid employee codes.

Response Body	{
	"detail": "Success."
	}

Response Body Description	detail: Message confirming

4.8 Access Terminals

4.8.1 Unlock Terminal [/iclock/api/terminals/unlock_terminal/]

Allows unlocking of the door by providing the device serial number.

Post Request URL	http://www.easytimepro.in/iclock/api/terminals/unlock_terminal/
Request Header	Authorization: Bearer-Token
Request Mode	POST
Data Type	application/json

Response Type	JSON
Request Parameter Description	None

Request Body	{
	"sn": "CLH8224760441"
	}

Request Body Description	sn: A unique Serial Number identifying this Device.

Response Body	{
	"status": "Success"
	}

Response Body Description	status: Indicates the outcome of the request "Success" = Operation completed successfully

5 Appendix

5.1 Error Code

-1	**Program error**
-10	The department number or name cannot be empty
-12	The department name has already existed
-13	The department number does not exist
-14	Cannot be set as parent department
-15	Cannot delete department
-20	Pin number cannot be empty
-22	The person does not exist
-23	The card number has been used
-24	The level group does not exist
-25	No person under the access level
-26	The password has been used
-27	Invalid personnel photo
-29	PIN exception
-31	The personnel fingerprint already existed!
-32	Input wrong validtype!
-33	Fingerprint template index range is from 0-9!
-34	templateNo not existed!

-40	Authorize access failure
-41	Delete access level failure
-42	Personnel ID or access level id is null
-43	Access level id can't be null
-44	Door id can't be null
-45	Door open duration between 1~254 seconds.
-46	Door name can't be null
-47	Door doesn't exist
-48	Device serial number can't be null
-70	Advertisement doesn't exist
-71	Didn't support this format
-80	Area didn't exist
-81	Pins not allowed to be null
-82	Pins length not allowed over 500
-83	Area ID can't be null
-90	PageNo or pageSize cannot be set less than or equal to 0
-91	PageSize is greater than 1000
-92	PageSize and pageNo cannot be empty
-100	Time format error
-101	Start time cannot be greater than end time

-200	SN is required
-201	Floor Id is required
-202	The door opening time is required
-203	The door opening time needs to be greater than 0
-220	Operation type error
-221	Black and whitelist type error
-222	Time parameter error
-223	Car license plate is incorrect
-262	The photo is not qualified.
-263	Reader ID cannot empty
-264	Did not exist this reader
-265	The Open Gate Type cannot be empty
-266	Open Gate Type incorrect