# Monify API Documentation

## Route: Login

**Description:** Initiates login process and sends OTP via email or SMS.

**Method:** POST

**URL:** /login

**Request Parameters**:

{

"email": "string",

"msisdn": "string",

"device\_id": "string",

"fcm\_token": "string"

}

**Response:**

**Success Response:**

**Status Code:** 200

**Body:**

{

"success": true,

"message": "Verification code sent to [identifier], Please check your [Inbox/SMS Inbox]"

}

**Error Response**:

**Status Code:** 400

**Body:**

{

"success": false,

"message": "Please provide an email address or a phone number"

}

## Route: Verify OTP

**Description**: Verifies the One-Time Password (OTP) provided by the user.

**Method:** POST

**URL:** /verifyOTP

**Request Parameters**:

{

"email": "string",

"msisdn": "string",

"otp": "string"

}

**Response**:

**Success Response**:

**Status Code:** 200

**Body:**

{

"success": true,

"token": "<generated JWT token>",

"message": "OTP verification successful. Access granted.",

"profileStatus": true,

"profileResult": {

"name": "<user's name>",

"profile\_picture": "<profile picture URL>"

}

}

**Error Response:**

**Status Code**: 400

**Body:**

{

"success": false,

"message": "Please provide an email address or a phone number"

}

## Route: User Profile

**Description:** Manages user profiles including creation, retrieval, update, and deletion.

**Method:** POST

**URL:** /profile

**Request Parameters**:

{

"email": "string",

"msisdn": "string",

"name": "string",

"profilePicture": "string"

}

**Response**:

**Success Response**:

**Status Code:** 201

**Body:**

{

"success": true,

"message": "User profile created successfully"

}

**Error Response**:

**Status Code:** 400

**Body:**

{

"success": false,

"message": "<Validation error message>"

}

**Method:** GET

**URL:** /profile

**Request Parameters:**

{

"email": "string",

"msisdn": "string"

}

**Response:**

**Success Response:**

**Status Code:** 200

**Body:**

{

"success": true,

"message": "User profile retrieved successfully",

"profile": {

"name": "<user's name>",

"profile\_picture": "<profile picture URL>"

}

}

**Error Response:**

**Status Code:** 404

**Body:**

{

"success": false,

"message": "User profile not found"

}

**Method:** PATCH

**URL:** /profile

**Request Parameters:**

{

"name": "string",

"profilePicture": "file"

}

**Response**:

**Success Response:**

**Status Code:** 200

**Body:**

{

"success": true,

"message": "User profile updated successfully"

}

**Error Response:**

**Status Code:** 400 Bad Request

**Body:**

{

"success": false,

“message": "Failed, name is required"

}

**Method:** DELETE

**URL:** /profile

**Request Parameters**:

{

"email": "string",

"msisdn": "string"

}

**Response**:

**Success Response:**

**Status Code:** 200

**Body:**

{

"success": true,

"message": "User profile deleted successfully"

}

**Error Response**:

**Status Code:** 404

**Body**:

{

"success": false,

"message": "User profile not found"

}

## Route: Records

**Method:** POST

**URL:**/record

**Description:** Insert a new record.

**Request Body:**

{

"type": "expense",

"note": "Dinner with friends",

"categoryId": 1,

"amount": 50.0,

"date": "2024-07-02"

}

**Response:**

{

"success": true,

"message": "Record inserted successfully"

}

**Method:** GET

**Description:** Retrieve records based on month and year.

**Query Parameters:**

{

- `month`: Numeric month (1-12)

- `year`: Numeric year (e.g., 2024)

- `pageNumber`: Optional, default is 1

}

**Response:**

{

"success": true,

"message": "Successfully fetched records",

"records": [

{

"id": 1,

"type": "expense",

"note": "Dinner with friends",

"categoryId": 1,

"amount": 50.0,

"date": "2024-07-02"

},

{

"id": 2,

"type": "income",

"note": "Salary payment",

"categoryId": 2,

"amount": 3000.0,

"date": "2024-07-01"

}

],

"totalexpense": 100.0,

"totalincome": 3000.0,

"hasNext": false,

"totalPages": 1

}

**Method:** PATCH

**Description:** Update a record.

**Request Body:**

{

"id": 1,

"type": "expense",

"note": "Updated dinner expense",

"categoryId": 1,

"amount": 60.0

}

**Response:**

{

"success": true,

"message": "Record updated successfully"

}

**Method:** DELETE

**Description:** Delete a record by ID.

**Request Body:**

{

"id": 1

}

**Response:**

{

"success": true,

"message": "Record deleted successfully"

}

## Route: Categories

**Endpoint:** /category

**Method:** GET

**Description:** Retrieve user-specific categories.

**Response:**

{

"success": true,

"message": "Categories fetched successfully",

"total": 2,

"categories": [

{

"id": 1,

"category\_name": "Food",

"type": "expense",

"icon\_id": 1,

"group": "Custom",

"hidden": false

},

{

"id": 2,

"category\_name": "Salary",

"type": "income",

"icon\_id": 2,

"group": "Default",

"hidden": false

}

]

}

**Method:** POST

**Description:** Insert a new category.

**Request Body:**

{

"category\_name": "Travel",

"type": "expense",

"icon\_id": 3,

"group": "Custom",

"hidden": false

}

**Response:**

{

"success": true,

"message": "Category inserted successfully"

}

**Method:** PATCH

**Description:** Update a category.

**Request Body:**

{

"id": 1,

"category\_name": "Updated Food",

"type": "expense",

"icon\_id": 1,

"hidden": true

}

**Response:**

{

"success": true,

"message": "Updated successfully"

}

**Method:** DELETE

**Description:** Delete a category by ID.

**Request Body**

{

"id": 1

}

**Response:**

{

"success": true,

"message": "Category deleted successfully"

}

## Route: Budget

**Endpoint:** /budget

**Method:** GET

**Description:** Retrieve budgets based on month and year.

**Query Parameters:**

- `month`: Month (1-12)

- `year`: Year (1900-2100)

**Response:**

{

"success": true,

"message": "Successfully fetched budgets",

"total": 2,

"data": [

{

"id": 1,

"month": 6,

"year": 2024,

"amount": 500,

"isMonthly": true,

"category\_id": null,

"identifier": "user@example.com"

},

{

"id": 2,

"month": 6,

"year": 2024,

"amount": 1000,

"isMonthly": false,

"category\_id": 1,

"identifier": "+1234567890"

}

]

}

**Method:** POST

**Description**: Add a new budget entry.

**Request Body:**

{

"month": 6,

"year": 2024,

"amount": 500,

"category\_id": null,

"isMonthly": true

}

**Response:**

{

"success": true,

"message": "Budget added successfully",

"data": {

"id": 3,

"month": 6,

"year": 2024,

"amount": 500,

"isMonthly": true,

"category\_id": null,

"identifier": "user@example.com"

}

}

**Method:** PATCH

**Description:** Update an existing budget entry.

**Request Body:**

{

"id": 1,

"amount": 600,

"month": 6,

"year": 2024

}

**Response:**

{

"success": true,

"message": "Budget updated successfully",

"data": {

"id": 1,

"month": 6,

"year": 2024,

"amount": 600,

"isMonthly": true,

"category\_id": null,

"identifier": "user@example.com"

}

**Method:** DELETE

**Description:** Delete a budget entry by ID.

**Request Body:**

{

"id": 1

}

**Response:**

{

"success": true,

"message": "Budget deleted successfully"

}