

Budget Tracker API Documentation

Introduction

This document provides the API documentation for the Budget Tracker application. The application manages expenses and user information, allowing users to add, update, search, and delete records for both expenses and user details.

Expense API

1. Get All Expenses

Retrieve all expenses.

HTTP Method: GET

Endpoint: /expense/get-all

Response: List of all expense records.

2. Add Expense

Add a new expense record.

HTTP Method: POST

Endpoint: /expense/add-expense

Request Body: Expense details as a JSON object.

Response: HTTP Status 201 Created.

3. Search Expense by ID

Retrieve an expense record by its ID.

HTTP Method: GET

Endpoint: /expense/search-by-id/{id}

Path Parameter: id (integer) - Expense ID

Response: Expense record matching the ID.

4. Delete Expense by ID

Delete an expense record by its ID.

HTTP Method: DELETE

Endpoint: /expense/delete-by-id/{id}

Path Parameter: id (integer) - Expense ID

Response: HTTP Status 202 Accepted.

5. Update Expense

Update an existing expense record.

HTTP Method: PUT

Endpoint: /expense/update-expense

Request Body: Updated expense details as a JSON object.

Response: HTTP Status 202 Accepted.

User API

1. Get All Users

Retrieve all users.

HTTP Method: GET

Endpoint: /user/get-all

Response: List of all user records.

2. Add User

Add a new user record.

HTTP Method: POST

Endpoint: /user/add-user

Request Body: User details as a JSON object.

Response: HTTP Status 201 Created.

3. Search User by Username

Retrieve a user record by username.

HTTP Method: GET

Endpoint: /user/search-by-username/{username}

Path Parameter: username (string) - User's username

Response: User record matching the username.

4. Delete User by Username

Delete a user record by username.

HTTP Method: DELETE

Endpoint: /user/delete-by-username/{username}

Path Parameter: username (string) - User's username

Response: HTTP Status 202 Accepted.

5. Update User

Update an existing user record.

HTTP Method: PUT

Endpoint: /user/update-expense

Request Body: Updated user details as a JSON object.

Response: HTTP Status 202 Accepted.