Personal Finance Tracking

Personal Finance Tracking application to monitor a User's spending patterns, while motivating the user to monitor thier Finance through Budgets and Goals. Also includes Reports Generation, Recurring Transactions, Tags and Categories for better filterization, Multi-Currency Support and More.

AUTHORIZATION Bearer Token

Token	{{accesstoken}}

User Login/Register

Components to Test backend Functionality of User Creation, as well as Log In Log Outs.

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection Personal Finance Tracking

---

POST **Register User/Create User** 🔒

{{baseurl}}auth/register

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
    "username": "testuser1",
    "firstname": "John",
    "lastname": "Doe",
    "email": "johndoe1@example.com",
    "password": "password123",
    "role": "user",
    "avatar": "avatar_url",
    "contact": "123456789",
    "address": "123 Main St",
    "city": "Some City",
    "postalCode": "12345",
    "country": "CountryName"
}
```
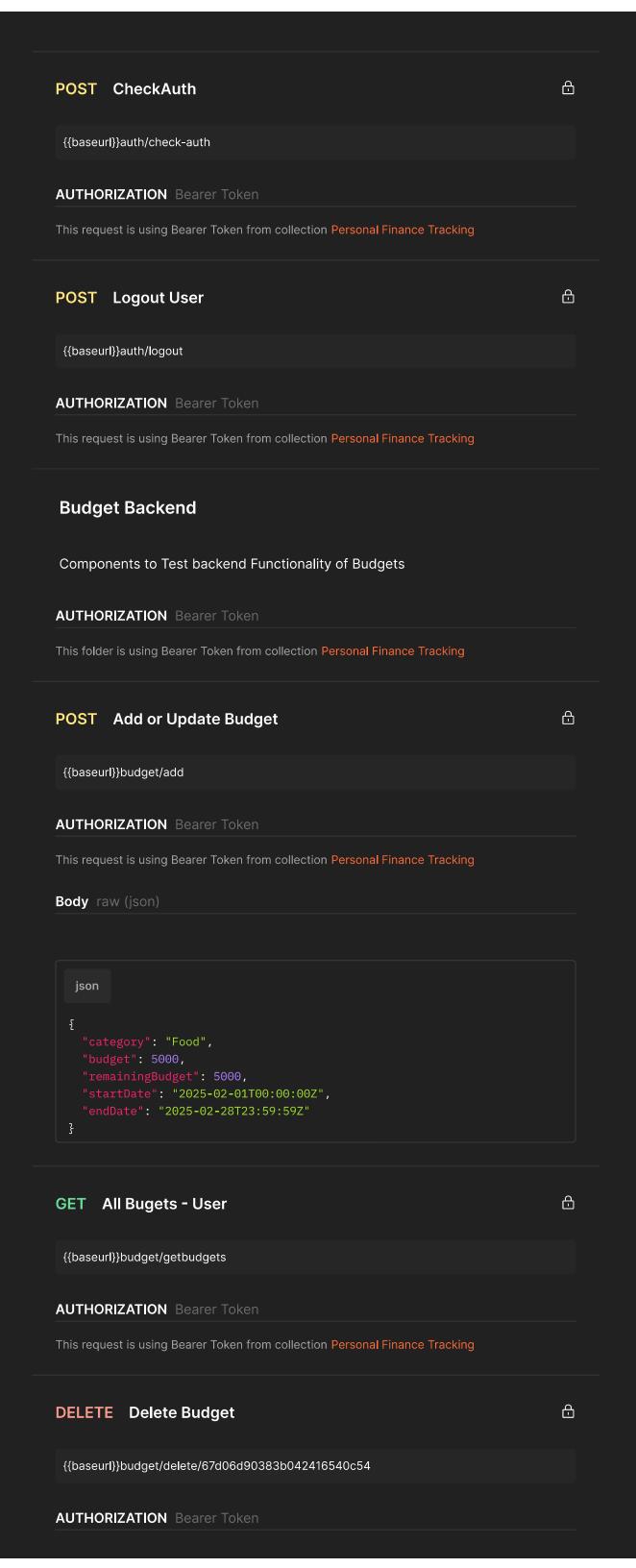
POST **Login User**

{{baseurl}}auth/login

AUTHORIZATION Bearer Token

Body raw (json)

```json
{
    "username": "adminTest",
    "password": "adminTest"
}
```

POST CheckAuth 🔒

{{baseurl}}auth/check-auth

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

POST Logout User 🔒

{{baseurl}}auth/logout

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Budget Backend

Components to Test backend Functionality of Budgets

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection Personal Finance Tracking

POST Add or Update Budget 🔒

{{baseurl}}budget/add

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
  "category": "Food",
  "budget": 5000,
  "remainingBudget": 5000,
  "startDate": "2025-02-01T00:00:00Z",
  "endDate": "2025-02-28T23:59:59Z"
}
```

GET All Bugets - User 🔒

{{baseurl}}budget/getbudgets

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

DELETE Delete Budget 🔒

{{baseurl}}budget/delete/67d06d90383b042416540c54

AUTHORIZATION Bearer Token

Category Backend

Components to Test backend of Category

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection Personal Finance Tracking

GET   **Get All Categories**

```
{{baseurl}}category/
```

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

GET   **Get All Income**

```
{{baseurl}}category/income
```

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

GET   **Get All Expense**

```
{{baseurl}}category/expense
```

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

POST   **Add Category**

```
{{baseurl}}category/add
```

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
  "value": "other",
  "label": "Other - Specify in Description",
  "type": "expense"
}
```

PUT   **Update Category**

```
{{baseurl}}category/edit/67d06dfd383b042416540c64
```

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
    "value": "Healthcare and Medical Needs",
    "label": "Healthcare and Medical Needs",
    "type": "expense"
}
```

DELETE **Delete Category** 🔒

{{baseurl}}category/delete/67d06dfd383b042416540c64

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Currency Backend

Components to Test backend of Currency

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection Personal Finance Tracking

GET **Get All Currency** 🔒

{{baseurl}}currency/

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

POST **Add Currency** 🔒

{{baseurl}}currency/add

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
    "value": "Test",
    "label": "Test - Sri Lankan Rupee"
}
```

PUT **Update Currency** 🔒

{{baseurl}}currency/edit/67d06e37383b042416540c6e

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
    "value": "Test2",
    "label": "Test2 - Sri Lankan Rupee"
}
```

DELETE   Delete Currency 🔒

{{baseurl}}currency/delete/67d06e37383b042416540c6e

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

---

Goals Backend

Component to Test the Backend of Goals

Automated Mail - Can be tested by completing a goal using the method "Mark Goal as Completed"

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection Personal Finance Tracking

---

POST   Create Goal 🔒

{{baseurl}}goal

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
  "title": "Car",
  "targetValue": 50000,
  "description": "Goal for saving an emergency fund.",
  "image": ""
}
```

GET   Get All Goals 🔒

{{baseurl}}goal

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

---

GET   Get Single Goal 🔒

{{baseurl}}goal/67cde7d4709af2b4c6e010c8

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

PUT   Update Goal 🔒

{{baseurl}}goal/67d06f32383b042416540c89

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
  "title": "New Savings Goal Title",
  "image": "https://example.com/new-image.jpg",
  "targetValue": 1000000
}
```

PATCH   Mark Goal as Completed 🔒

{{baseurl}}goal/complete/67d06f32383b042416540c89

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

DELETE   Delete Goal 🔒

{{baseurl}}goal/67d06f32383b042416540c89

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

PATCH   Add To Goal 🔒

{{baseurl}}goal/saved-value/67d0702e383b042416540cae

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
  "amount": 550000
}
```

PATCH   Reverse Transaction 🔒

{{baseurl}}goal/reverse-saved-value/67d0702e383b042416540cae

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
  "amount": 10000
}
```

Reports Backend

Components to Test backend of Reports

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection Personal Finance Tracking

---

GET **Admin User Report** 🔒

{{baseurl}}report/reports

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

---

GET **User Reports** 🔒

{{baseurl}}report/user-reports?email=userTest2@gmail.com&currency=LKR

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

HEADERS

email	userTest2@gmail.com

PARAMS

email	userTest2@gmail.com
currency	LKR

GET **User Budget Report** 🔒

{{baseurl}}report/user-budget?email=userTest2@gmail.com&currency=LKR

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

PARAMS

email	userTest2@gmail.com
currency	LKR

GET **Available Dates** 🔒

{{baseurl}}report/available-dates?selectedMonth=3

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

PARAMS

selectedDay	4
selectedMonth	3

GET **User Summery Report** 🔒

{{baseurl}}report/user-summary-report

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Tags Backend

Components to get all tags

The addition, editing and deleting of tags occur during the creation , update and delete for incomes and expenses.

Hence only get all tags function is created

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection Personal Finance Tracking

GET **Get All Tags** 🔒

{{baseurl}}tags/

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Income based Backend

Components to Test backend of Incomes

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection Personal Finance Tracking

POST **Add Income** 🔒

{{baseurl}}transaction/add-income

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

PARAMS

Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfaWQiOiI2N2I5ZT MzNmZjM2NhNmQ5OTFmMzhhMTAiLCJyb2xlIjoidXNlciIsImlh

dCI6MTc0MDIzNTU3NCwiZXhwIjoxNzQwMzIxOTc0fQ._6FRIrf
DfNsLhaeFJZU4apVO--dnRk3KRVnX8jcEsso

Body raw (json)

```json
{
  "title": "Salary",
  "amount": 1000,
  "date": "2025-02-22T12:00:00Z",
  "category": "Income",
  "description": "February salary",
  "currency": "USD"
}
```

GET   Specific Users Income   🔒

{{baseurl}}transaction/incomes

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

PARAMS

DELETE   delete income   🔒

{{baseurl}}transaction/income/67d0715d383b042416540cd0

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

HEADERS

Authorization	Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfaWQiOiI2N2I2MzZkMDExZWQ1ZGIyZWFhYjUzODAiLCJyb2xlIjoidXNlciIsImlhdCI6MTc0MDMyMzY1MywiZXhwIjoxNzQwNDEwMDUzfQ.iW2UNGk6z16DWPhJ29omv4wqMKFY-x0xVegb3AOO8UY

Body raw (json)

```json
{
  "title": "Other Income",
  "amount": 10000,
  "date": "2025-02-22T12:00:00.000Z",
  "category": "Income",
  "description": "February additional income"
}
```

PATCH   Update Income   🔒

{{baseurl}}transaction/income/67d07223383b042416540ce3

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
json

{
  "title": "Updated Income Test",
  "amount": 30000,
  "date": "2025-04-01T00:00:00.000Z",
  "category": "Bonus",
  "currency": "USD",
  "tags": ["updatedTag"],
  "isRecurring": true,
  "recurrenceType": "yearly"
}
```

GET **Test Multiple Currency - Admin** 🔒

{{baseurl}}transaction/income-transactions

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

GET **Test Multiple Currency - User** 🔒

{{baseurl}}transaction/total-income

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

GET **Admin - all income** 🔒

{{baseurl}}transaction/total-income-all

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Expense based Backend

Components to Test backend of Expenses

Also utilized to update Budgets, Goals where applicable

Automated Email - When Expense added that exhausts or exceeds the Allocated Budget (can be tested with "Add Expense" method)

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection Personal Finance Tracking

POST **Add Expense** 🔒

{{baseurl}}transaction/add-expense

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
  "title": "Savings for Emergency Fund",
  "amount": 500,
  "date": "2025-03-09T10:00:00Z",
  "category": "Test",
  "currency": "LKR",
  "tags": ["Emergency", "Savings"],
  "isRecurring": false,
  "recurrenceType": null
}
```

GET Specific Users Expense

{{baseurl}}transaction/expenses

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

PARAMS

DELETE Delete Expense

{{baseurl}}transaction/expense/67d0739c383b042416540cfd

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

HEADERS

Authorization

Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJfaWQiOiI2N2I2MzZkMDExZWQ1ZGIyZWFhYjUzODAiLCJyb2xlIjoidXNlciIsImlhdCI6MTc0MDMyMzY1MywiZXhwIjoxNzQwNDEwMDUzfQ.iW2UNGk6z16DWPhJ29omv4wqMKFY-x0xVegb3AOO8UY

PATCH Update Expense

{{baseurl}}transaction/expense/67d073d2383b042416540d0c

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Body raw (json)

```json
{
  "amount": 542,
  "category": "Savings",
  "currency": "LKR"
}
```

GET Get All Expenses

{{baseurl}}transaction/expense-transactions

This request is using Bearer Token from collection Personal Finance Tracking

GET Test Multiple Currency - User 🔒

```
{{baseurl}}transaction/total-expense
```

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

PARAMS

id

GET Test Multiple Currency - Admin 🔒

```
{{baseurl}}transaction/total-expense-all
```

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

Recurring Transaction Backend

Component to Manually trigger the Recurring Transaction for Testing Purposes

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection Personal Finance Tracking

GET Test Recurring Transactions 🔒

```
{{baseurl}}transaction/test-recurring-transactions
```

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

User Handling Backend

Components to Test backend of Users

AUTHORIZATION Bearer Token

This folder is using Bearer Token from collection Personal Finance Tracking

GET Get All Users (Admin) 🔒

```
{{baseurl}}users/
```

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

GET Logged In User's information 🔒

{{baseurl}}users/me

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

---

GET **User by ID** 🔒

{{baseurl}}users/67c4964e1dd66d3a56ab9456?

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

PARAMS

PATCH **update user profile** 🔒

{{baseurl}}users/67d074c4383b042416540d23

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking

---

DELETE **Delete User** 🔒

{{baseurl}}users/67d074c4383b042416540d23

AUTHORIZATION Bearer Token

This request is using Bearer Token from collection Personal Finance Tracking