Project Description: -

Personal Finance Management System

The Personal Finance Management System is a web-based application designed to help individuals manage their finances effectively. The system allows users to track their income and expenses, create and manage budgets, and set financial goals.

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Project Phase:-

1. Planning:

* **Goal**: Create a tool that simplifies personal finance tracking.
* Define core features: income/expense tracking, and reporting.
* Generating clear and accurate financial reports.

2. Development:

* Write the code for the API using Python and track personal finance income and expenses.
* Fetch the list of available stocks from financial .

3. Testing:

* Validate functionalities like adding, editing, and categorizing transactions.
* Test data accuracy in reports.
* Use tools like Postman to validate the API functionality.

4. Deployment:

* Host the API on a local or cloud server to make it accessible to users. (e.g., AWS..)
* Optimize performance for reliability and scalability.

5. Documentation:

* Prepare a user manual detailing setup and usage.
* Include API documentation if applicable for developers.
* summarize all application features and troubleshooting tips.

Requirements:-

Software:

* Python 3.x
* Postman (for testing)

Libraries:

* http. server
* Json

How to Run the Project:-

1. Clone or download the project files.

2. Open a terminal and navigate to the project directory.

3. Run the following command to start the server:

python tracker.py

4. The server will start on port 8080 by default.

API Endpoints:-

* The HTTP method for your API call. Common methods include:

**GET /transactions**: Retrieve all transactions.

**POST /transactions**: Add a new transaction.

* You can select the method from the dropdown next to the URL input field.

Steps to Test Using Postman:-

Here's how to test an image upload API in Postman: -

1.Enter your API information and client ID.

2.Go to Body.

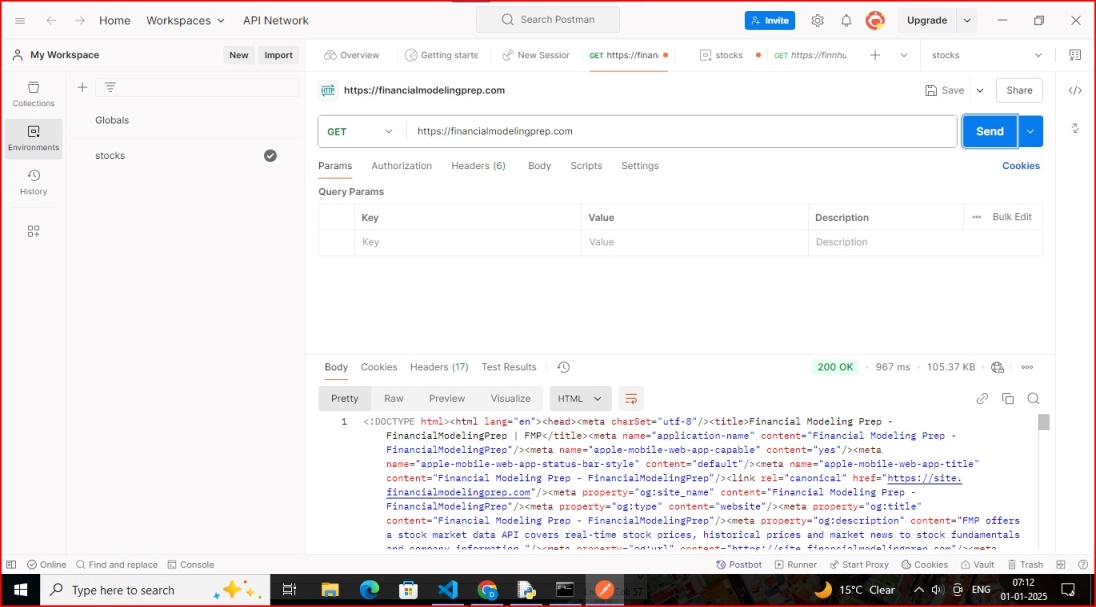
3.Select Form data.

4.Enter a key and value.

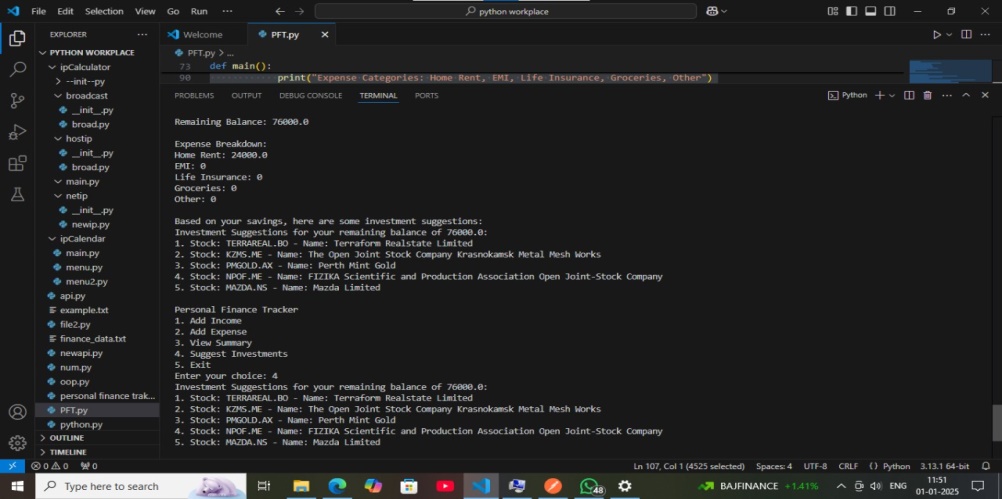
5.For the key, select File.

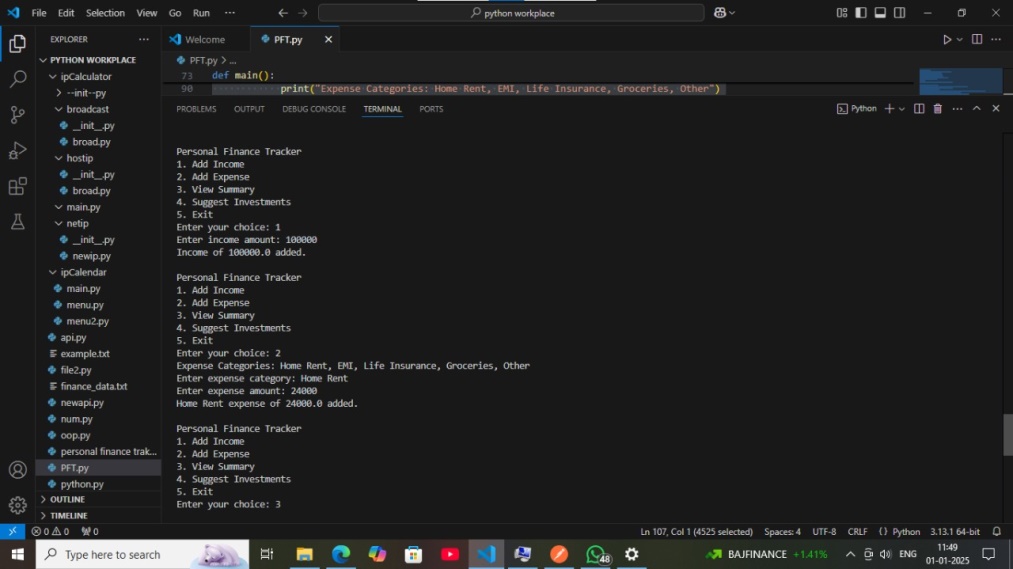
6.Add the image in the value.

7.Add additional information, such as a name etc. click send



Output:-



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