

**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

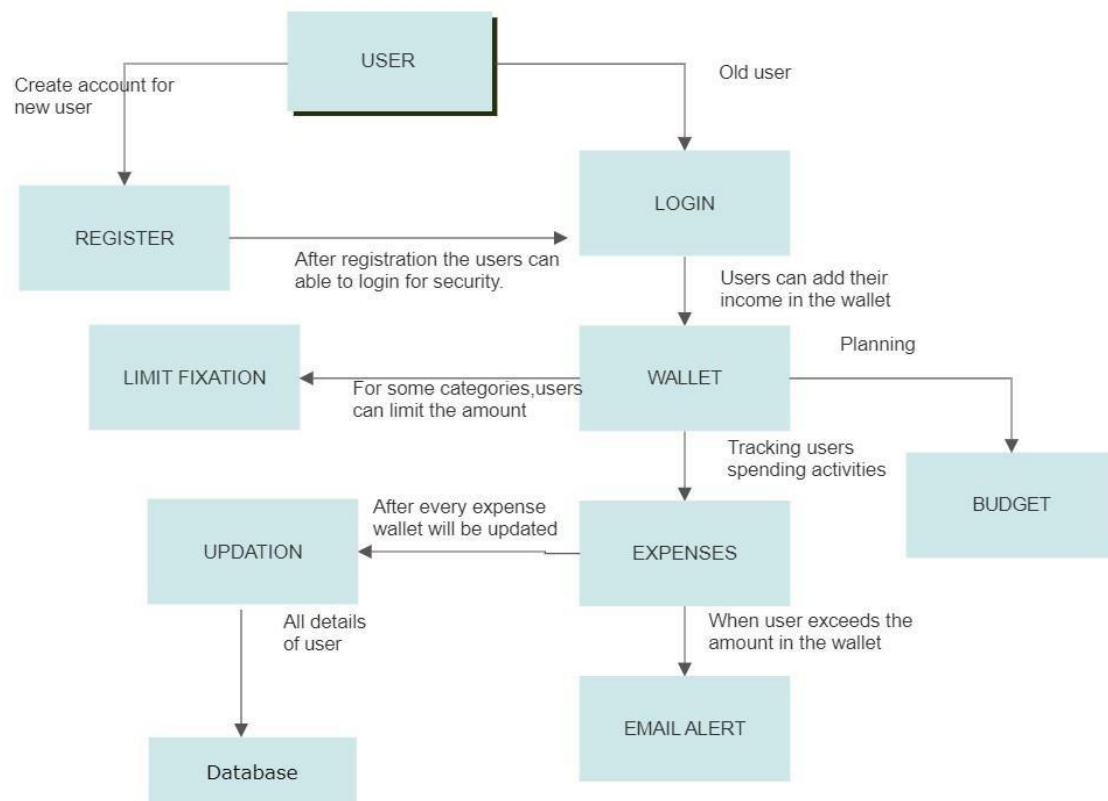
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|---------------|--|
| Date          | 15October2022                                  |
| Team ID       | PNT2022TMID11924                               |
| Project Name  | Project - Personal expense tracker application |
| Maximum Marks | 4 Marks  |

**Data Flow Diagrams:**

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

**DATA FLOW DIAGRAM:**

**LEVEL 0:**



## User Stories

Use the below template to list all the user stories for the product.

| User Type              | Functional Requirement (Epic) | User Story Number | User Story / Task  | Acceptance criteria  | Priority | Release  |
|------------------------|-------------------------------|-------------------|--|--|----------|----------|
| Customer (Mobile user) | Registration                  | USN-1             | As a user, I can register for the application by entering my email, password, and confirming my password.                          | I can access my account / dashboard  | High     | Sprint-1 |
|                        |                               | USN-2             | As a user, I will receive confirmation email once I have registered for the application  | I can receive confirmation email & click confirm                             | High     | Sprint-1 |
|                        | Login                         | USN-3             | As a user, I can log into the application by entering email & password   | I can login by giving email and password                                     | Low      | Sprint-1 |
|                        | Wallet page                   | USN-4             | As a user, I can add my monthly income in the wallet section   | I can see the amount in the wallet which was added                           | High     | Sprint-1 |
|                        | Update and graph view         | USN-5             | As a user, I spend the money in the wallet and the wallet will be updated periodically and can see the monthly expenses as a graph | I can able to see the updated wallet and graph format of my monthly expenses | Low      | Sprint-2 |
|                        | Email alert                   | USN-6             | As a user, if i am exceeding the money in the wallet then i will be getting an alert through my email                              | I can get the email alert  | High     | Sprint-2 |
|                        | Fixing limit                  | USN-7             | As a user, I can set the limit in the wallet amount for unwanted spendings   | I can set the limit in the wallet  | Low      | Sprint-2 |
| Customer (Web user)    | Registration                  | USN-8             | As a user, I can register for the application by entering my email, password, and confirming my password.                          | I can access my account / dashboard  | High     | Sprint-2 |
|                        |                               | USN-9             | As a user, I will receive confirmation email once I have registered for the application  | I can receive confirmation email & click confirm                             | High     | Sprint-3 |
|                        | Login                         | USN-10            | As a user, I can log into the application by entering email & password   | I can login by giving email and password                                     | Low      | Sprint-3 |
|                        | Wallet page                   | USN-11            | As a user, I can add my monthly income in the wallet section   | I can see the amount in the wallet which was added                           | High     | Sprint-3 |
|                        | Update and graph view         | USN-12            | As a user, I spend the money in the wallet and the wallet will be updated periodically and can see the monthly expenses as a graph | I can able to see the updated wallet and graph                               | Low      | Sprint-4 |

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task   | Acceptance criteria               | Priority | Release  |
|-----------|-------------------------------|-------------------|---|-----------------------------------|----------|----------|
|           |                               |                   |   | format of my monthly expenses     |          |          |
|           | Email alert                   | USN-13            | As a user, if i am exceeding the money in the wallet then i will be getting an alert through my email | I can get the email alert         | High     | Sprint-4 |
|           | Fixing limit                  | USN-14            | As a user, I can set the limit in the wallet amount for unwanted spendings                            | I can set the limit in the wallet | Low      | Sprint-4 |