**Requirement Gathering and Analysis Phase**

**Solution Requirements (Functional & Non-functional)**

|  |  |
| --- | --- |
| Date | 29 June 2024 |
| Team ID | SWTID1720004076 |
| Project Name | Wise Wallet: Your Budgeting Partner |
| Maximum Marks |  |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through Facebook |
| FR-2 | User Confirmation | Confirmation via Email |
| FR-3 | Add Transactions | Add Income  Add Expense  Add UPI Transactions |
| FR-4 | View Data | View Dashboard  View Transaction History  View Income  View Expenses  View Analytics |
| FR-5 | |  | | --- | |  |  |  | | --- | | Transaction Details | | View Individual Transaction Details  Edit Transactions  Delete Transactions |
| FR-6 | User Authentication | Login  JSON Web Token  Logout  Password Reset |

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | The application should have an intuitive and easy-to-use interface. |
| NFR-2 | **Security** | The application should ensure data security and user privacy through encryption and secure login mechanisms. |
| NFR-3 | **Reliability** | The application should be reliable and function correctly under all expected conditions. |
| NFR-4 | **Performance** | The application should have fast response times and handle a large number of transactions efficiently. |
| NFR-5 | **Availability** | The application should be available 99.9% of the time. |
| NFR-6 | **Scalability** | The application should be able to scale to accommodate an increasing number of users and transactions. |