**Project Design Phase-II**

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

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| Date | 14 October 2022 |
| Team ID | PNT2022TMID37456 |
| Project Name | Project - Personal Expense Tracker |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Google  Registration through LinkedIn  Registration through Facebook |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via Mobile OTP |
| FR-3 | User Financial Accounts | Account Details  Verification of Details  Authenticate Bank Accounts |
| FR-4 | User Dashboard | Expense Data Data Records |
| FR-5 | User Notifications | System Access  Real time Alerting  Notification through Mobile and Email |
| FR-6 | Security of User Data | Secured Database  Data Security Algorithms  Hashing Passwords |

**Non-functional Requirements:**

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

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| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | By using this application, the user can keep track their expenses and can ensure that user’s money is used wisely and check the bank balance and transaction history of daily usage.    This Application support in all platforms and devices and Device Portability. |
| NFR-2 | **Security** | Maintain user personal details in a encrypted manner by using data security algorithms .  OAuth is used in this application. |
| NFR-3 | **Reliability** | It helps you track all transactions like bills, refunds, payrolls, receipts, taxes, etc., on a daily, weekly, and monthly basic. |
| NFR-4 | **Performance** | Its help to monitor the expense and store in the cloud. It is fast and secure with high performance Graphical interface. |
| NFR-5 | **Availability** | Using charts and graphs may help you monitor your Expenses, income, budgeting and assets. |
| NFR-6 | **Scalability** | We can access the application without any infrastructure setup.  This application is easy to install and configure in the devices.  Rely on your budgeting app to track, streamline, and automate all the recurrent expenses and remind you on a timely basis. |