# Project Design Phase-II
## Solution Requirements (Functional & Non-functional)

| Date | 03 October 2022 |
|---|---|
| Team ID | PNT2022TMID00621 |
| Project Name | Personal  Expense Tracker |
| Maximum Marks | 4 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 for collecting details |
| FR-2 | User Confirmation | Confirmation via Email and Confirmation via OTP |
| FR-3 | Login | Enter Username and Password |
| FR-4 | Calendar | Personal expense tracker application must allow the user to add the data to their expenses |
| FR-5 | Alert /Notification | Alert through E-mail or through SMS |
| FR-6 | Category | This application shall allow user to add categories of their expenses |

**NON-FUNCTIONAL REQUIREMENTS:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | Helps to keep an accurate record of user's income and expenses |
| NFR-2 | **Security** | Budget tracking apps are considered very safe for from those who commit cyber crimes |
| NFR-3 | **Reliability** | Each data records is stored on a well built efficient database schema. There is no risk of data loss. |
| NFR-4 | **Performance** | The types of expenses are categorised along with an option . Throughput of the system is increased due to light weight database support. |
| NFR-5 | **Availability** | The application must have 100% up-time |
| NFR-6 | **Scalability** | Capacity of the application to handle growth, especially in handling more users. |