Project Design Phase-II

Solution Requirements (Functional & Non-functional)

|  |  |
| --- | --- |
| Date | 15 October 2022 |
| Team ID | PNT2022TMID31516 |
| Project Name | Personal Expense Tracker |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Form for collecting details |
| FR-2 | Login | Enter username and password |
| FR-3 | Calendar | Personal expense tracker application must allow user to add the data to their expenses. |
| FR-4 | Expense Tracker | This application should graphically represent the expense in the form of report. |
| FR-5 | Report generation | Graphical representation of report must be generated. |
| FR-6 | Category | This application shall allow users to add categories of their expenses. |

**Non-functional Requirements:**

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Helps to keep an accurate record of your income and expenses. |
| NFR-2 | **Security** | Budget tracking apps are considered very safe from those who commit cyber crimes. |
| NFR-3 | **Reliability** | Each data record is stored on a well built efficient database schema. There is no risk of data loss. |
| NFR-4 | **Performance** | The types of expense are categories along with an option. Throughput of the system is increased due to light weight database support. |
| NFR-5 | **Availability** | The application must have a 100% up-time. |
| NFR-6 | **Scalability** | The ability to appropriately handle increasing  demands. |