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

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|---|---|
| Date | 16 October 2022 |
| Team ID | PNT2022TMID13160 |
| Project Name | Personal Expense Tracker Application |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

The suggested solution's functional requirements are listed below.

| FR No. | Functional Requirement | Sub Requirement |
|---|---|---|
| FR-1 | User Registration | A form that lets users register themselves |
| FR-2 | Login | The users are authenticated using their username and password |
| FR-3 | Calendar | The users must be able to add the day, time, and amount spent on that day |
| FR-4 | Expense Tracker | The users must be able to keep track of how much they spent during that month and on what items they spent |
| FR-5 | Report generation | There must be an option that will help users to generate a report of the expenses spent during that month |
| FR-6 | Category | Users should be able to see on what category they spend the most |

**Non-functional Requirements:**

The non-functional requirements of the proposed solution are as follows.

| NFR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | An accurate record of your earnings and outgoings. |
| NFR-2 | **Security** | A well implemented security that performs all the actions securely |
| NFR-3 | **Performance** | There are categories of expenses as well as an option. Because of lightweight database support, the system's throughput is increased |
| NFR-4 | **Availability** | 24/7 service must be there |
| NFR-5 | **Scalability** | The application must run on any device |