

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

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|---------------|--------------------------------------|
| Date | 16 October 2022 |
| Team ID | PNT2022TMID22745 |
| 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 | This is a form that collects information from you. |
| FR-2 | Login | You will need to enter your username and password here. |
| FR-3 | Calendar | The user must be able to add the information to their spending in a personal expense tracking application. |
| FR-4 | Expense Tracker | The expense should be graphically represented in this application's report format. |
| FR-5 | Report generation | The report must be represented graphically. |
| FR-6 | Category | Users of this application will be able to add expense categories. |

Non-functional Requirements:

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

| NFR No. | Non-Functional Requirement | Description |
|---------|----------------------------|---|
| NFR-1 | Usability | keeps an accurate record of your earnings and outgoings. |
| NFR-2 | Security | a detailed accounting of your income and expenses. |
| 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 | The application must be completely operational at all times. |
| NFR-5 | Scalability | The application must always function in its entirety. |