Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 11 October 2022 |
| Team ID | PNT2022TMID07316 |
| Project Name | Personal Expense Tracker Application |
| 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 Application  Registration through Gmail |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User monthly expense  tentative data | Data to be registered in the app |
| FR-4 | User monthly income data | Data to be registered in the app |
| FR-5 | Alert / Notification | Alert through E-mail  Alert through SMS |
| FR-6 | User Budget Plan | Planning and Tracking of user expenses vs budget limit |

# 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** | Effectiveness, efficiency, and overall satisfaction  of the user while interacting with the application |
| NFR-2 | **Security** | Authentication, authorization, and encryption of  the application |
| NFR-3 | **Reliability** | Probability of failure-free operations in a specified  environment for a specified time |
| NFR-4 | **Performance** | How the application is functioning and how  responsive the application is to the end-users |
| NFR-5 | **Availability** | Without near 100% availability, application reliability and the user satisfaction will affect the  solution |
| NFR-6 | **Scalability** | The capacity of the application to handle growth,  especially in handling more users. |