

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

Date	16 October 2022
Team ID	PNT2022TMID35494
Project Name	Project - Personal Expense Tracker Application
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 Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Multiple login	Many users can log in by using separate mail identities. Also, using the mail identity, the user can log into any device.
FR-4	Alerting the user	A limit must be set on the amount of money to be spent. Whenever the user exceeds the limit, he will be notified through mail or text message.
FR-5	Reporting	An analysis on the expenses should be done. Based on the analysis, a detailed report (in any graphical form) must be generated to help the user in accounting and budgeting.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface must be user friendly that makes it easy to use for all types of users. The basic features must be available free of cost to users.
NFR-2	Security	The application should have multi-factor authentication when logging in. Also, banking data must be secured by some encryption technology.
NFR-3	Reliability	The transaction must rollback if there is any technical or network issue. The data must be saved when updation of data fails in between the process. Even if there is a failure, it should be restored within a few minutes.

NFR-4	Performance	The application must not take more than 30 seconds to load. The response time should be quick even when there is heavy traffic.
NFR-5	Availability	When the app is being updated,except for the module that is being updated,the rest can be used.
NFR-6	Scalability	The app must be designed to work efficiently even when there is heavy traffic.