

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

Date	11-October 2022
Team ID	PNT2022TMID04279
Project Name	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 Application & Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Data	Data gathered in the application server is saved in the high security cloud server.
FR-4	Alert Notification	Alert messages will be sent through the Email or SMS.
FR-5	User Monthly Budget Plan	Setting Monthly budget to manage their expenses.
FR-6	Cloud Data Storage	To save the user's valuable data, high security cloud storage (IBM) is used

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Effectiveness, efficiency, and overall experience of the user interacting with our application should be maximised.
NFR-2	Security	Authentication, authorization, encryption of the data must be done in the application.
NFR-3	Reliability	The probability of error in operations in a specified environment for a specified time should be as low as possible.

NFR-4	Performance	How the application is functioning accurately and effectively to the end-users.
NFR-5	Availability	The use of cloud storage and databases, application reliability, and user satisfaction will all have an impact on the solution.
NFR-6	Scalability	Capacity of the application to handle growth, especially in handling more users.