

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

Date	17 October 2022
Team ID	PNT2022TMID03865
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 Phone number. Registration through Gmail. Registration through Username and Gmail.
FR-2	User Confirmation	Confirmation via Email. Confirmation via OTP.
FR-3	User Login	Login using Gmail. Login through Username.
FR-4	Manage Expenses	Create or update new budget/expense limit. Manage expenses by categorizing the priority ones.
FR-5	Expense Tracker	Analyze the level of expenses in graphical report format and graphical representation of expenses based on daily, monthly, yearly usage and categorize the based on what customer is using for.
FR-6	Manage income and expenditure	Create or update income and expenditure details, then the app suggests better ideas for budgeting. Provides built-in plans for some certain budget goals.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	This system will be used by anyone who needs to manage their expenses and to make better budgeting ideas.
NFR-2	Security	This system prevents customer's data securely and protects from malware attacks or unauthorized access.
NFR-3	Reliability	This system is highly reliable and it reduces the manual work load.
NFR-4	Performance	It tracks the expenses and generates reports quickly. It engages users efficiently with better budgeting ideas.
NFR-5	Availability	User can make his/her reports offline and this report is operational at any time.
NFR-6	Scalability	This system has better storage capacity and it manages large no of user's data.