

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

Date	16 October 2022
Team ID	PNT2022TMID11417
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 Login	Registration through Gmail
FR-2	User Confirmation	Confirmation via Gmail
FR-3	User Password	Confirmation via comparing database details
FR-4	User Details for Wallet	Registration through Register Form
FR-5	User Details Confirmation	Confirmation via password
FR-6	Wallet update	Add income in the wallet
FR-7	Email Alert	Alert Message through Gmail if wallet amount exceeds

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	User can tracker their expense in graphical manner Which helps to understand their expenditure in easy manner.
NFR-2	<b>Security</b>	We only store the information needed to save user from the trouble of syncing or updating financial information manually. Application also has a security feature that lets users set a password to access their account.
NFR-3	<b>Reliability</b>	The database update process can rollback to all related details in case of problem arise in updating
NFR-4	<b>Performance</b>	The application can perform well and fast
NFR-5	<b>Availability</b>	Wallet alert mail will be send to user when they exceed their limit. User can set limit to some specific categories like Education, Pharmacy, Groceries etc.

NFR-6	<b>Scalability</b>	This application can able to with stand many number of users
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