

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

Date	13 October 2022
Team ID	PNT2022TMID49588
Project Name	Project - Personal Expense Tracker
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 Gmail
FR-2	User Confirmation	Confirmation via Gmail Confirmation via OTP
FR-3	Login	Login through Gmail id Enter the password
FR-4	Entering expenses detail	Enter the total money in the expense tracker
FR-5	Functioning of personal expenses tracker	At every usage of money the amount will get reduced At the end of month, tracker will show how much money used for the personal expenses
FR-6	Uses	Using an expense tracker, helps you see your money situation and figure out possible money problems before they occur. This way, you can make adjustments and be prepared when the issue arises.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The system is user friendly and can be used by individuals of varying skill levels without the need of any required training.
NFR-2	Security	Access permissions for the particular system information may only be changed by the system's data administrator
NFR-3	Reliability	The database update process must roll back all related updates when any update fails.
NFR-4	Performance	The front-page load time must be no more than 10 seconds for users that access the website using an LTE mobile connection
NFR-5	Availability	New module deployment mustn't impact front page, product pages, and check out pages availability and mustn't take longer than one hour
NFR-6	Scalability	The website attendance limit must be scalable enough to support 2000 users at a time.