

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

Date	13 October 2022
Team ID	PNT2022TMID15515
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 Form Registration through Gmail
FR-2	User Confirmation/ Forgot password	Confirmation via Email
FR-3	Expenses entry	Users can add their expenses
FR-4	Notifications and monthly insights	Send notifications and insights to user's mail (Sendgrid)
FR-5	Dashboard	Graphical insights about their expenses
FR-6	Family account	Multiple users can access single dashboard

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application will follow the user-centered way so that the user experience will be seamless
NFR-2	Security	Encrypt data using TLS protocol and the data will be hashed at the server
NFR-3	Reliability	The system must perform without failure in most of the use cases during a month.
NFR-4	Performance	Performance will be constant and can deal more concurrent users
NFR-5	Availability	The application should be accessible to the users for 24 hours.
NFR-6	Scalability	The system must be scalable enough to support many number of visits at the same time while maintaining optimal performance.