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

Date	03 October 2022
Team ID	PNT2022TMID44963
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 Form Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login through valid username and password
FR-4	Dashboard	User can add the expense and evaluate them by using the provided options. It displays the summary of expenses.
FR-5	Budget Limit	User can be able to set the budget limit for a week or a month. By setting the budget limit, the user can increase the savings by reducing the unwanted expenses.
FR-6	Expense Tracker	It helps to track the expenses by setting the budget limit. It makes the user to categorize the expenses.
FR-7	Report generation	It displays the graphical representation of users expense in the form of pie-chart ,bar graph etc..
FR-8	Alert	Alert the user through mail when the expense exceeds the budget. It gives the notification of every transactions.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It helps the users to maintain the accurate track of expenses and savings. It is user friendly. It helps the users to cut down the unwanted expenses.
NFR-2	**Security**	Customers set their own account in this app using their email which is secured by a password. It might prevent from cyber crime activities.
NFR-3	**Reliability**	Each data record is stored in a effective database scheme with high security. There is no possibility of data loss.
NFR-4	**Performance**	It gives users the option to add or delete the categories of expenses and to track the money flow. The performance of this application is considered to be very good because of its lightweight database design.
NFR-5	**Availability**	This application is available for all the time. Users can access this app from any where and any time. It provides portability for the users.
NFR-6	**Scalability**	It has the ability to handle large number of users with high performance and data security.