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

Date	03 October 2022
Team ID	PNT2022TMID23434
Project Name	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	Confirmation via Email Confirmation via OTP Keeping the user Logged in after validation
FR-3	User Interface	Design wireframes for all the tabs Routing for all the tabs API calls for UI functioning Creation of various tabs
FR-4	User Sets the budget	Create various inbuilt categories Allow adding user-built categories Budget constraints on various
FR-5	User adds income and expenses for visualization	Input of expense data through Forms Visualization based on the data entered
FR-6	User setting data for unavoidable expenses	Setting dates and amount in the calendar tab Email , app alerts for reminders on monthly dues
FR-7	Users saving methods	necessary and unnecessary list set by user Alert on expense entered that matches the list Allocation of money for saving Tips section
FR-8	User receives email alert when the limit is crossed	Email alert function and extra data from users Customized Settings
FR-9	Backend Connection for Database	Getting data from the users (API) Storing data on Database (API) Various category creation within databases to store different types of data
FR-10	Application Deployment	Deployment-1 of the app for trial Run trial for working with multiple user login API for handling the traffic

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Consideration of User Experience and User Interface with the help of standards for web applications for better usability.
NFR-2	**Security**	User id logins and cookies- implemented for session-based interaction with the user.
NFR-3	**Reliability**	Feedback from the user will be taken and help options for the instructions and use.
NFR-4	**Performance**	Allowing access to Old and new device-compatible usage through coding. Better UX.
NFR-5	**Availability**	It will be available for all device users
NFR-6	**Scalability**	Future Functional requirements on controlling the scalability with customized APIs for the problems faced and the feedback received.