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

Date	17 October 2022
Team ID	PNT2022TMID15814
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 Register and User Confirmation**	Registration is the process of the user to complete the application's form. Certain details must be submitted such as e-mail address, password, and password confirmation. Confirmation via Email ,Confirmation via OTP.
FR-2	**User Login**	The login screen is used to verify the identity of the user. The account can be accessed using the user's registered email address and password.
FR-3	**Categories**	On the main page, we can see overall revenue and spending, as well as the balance remaining after expenditure, as well as the user's entire categories namely Entertainment, Cloth, Food and Drinks, Health and Fitness and so on.
FR-4	**User Update Daily Expensive**	The user can upload the daily expensive detail what they are spending on each day. The details such as cloth, entertainment, food, health etc.,

FR-5	**User budget plan / User Savings Budget**	Planning and Tracking of user expense vs budget limit based on monthly income of individuals. Every month has to save some amount and in emergency situations he can access the savings account
FR-6	**Set Alert**	When a user attempts to spend more than the pre-defined amount limit, the app will automatically send an alert via E-mail alert or SMS alert
FR-7	**Notification**	A feature of the application called push notifications lets the administrator or developer send a personalized tip of money management to all of the app's users.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system shall allow the users to access the system with pc using web application. The system uses a web application as an interface. The system is user friendly which makes the system easy.
NFR-2	**Security**	Authentication, authorization, encryption of the application that ensures one of many different security properties of software is being satisfied.
NFR-3	**Reliability**	The system has to be 100% reliable due to the importance of data and the damages that can be caused by incorrect or incomplete data. The system will run 7 days a week. 24 hours a day.

NFR-4	**Performance**	The information is refreshed depending upon whether some updates have occurred or not in the application. The system shall respond to the member in not less than two seconds from the time of the request submittal. The system shall be allowed to take more time How the application is functioning and how responsive the application is to the end-users
NFR-5	**Availability**	The system is available 100% for the user and is used 24 hrs a day and 365 days a year. The system shall be operational 24 hours a day and 7 days a week.
NFR-6	**Scalability**	Scalability is the measure of a system's ability to increase or decrease in performance and cost in response to changes in application and system processing demands.