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

Date	13 October 2022
Team ID	PNT2022TMID23221
Project Name	Project –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	Sign up	Create a new account by using mobile number/email id
FR-2	User Verification	Verify via Email or by sending OTP to the registered mobile number
FR-3	Login	Login by using username / password that are given by the using during the creation of account
FR-4	Update Profile	Update the profile details like Name, gender, Age , Address & mobile number
FR-5	Add Income	Add the weekly, Monthly and Yearly Income of the user
FR-6	Add Expenses	Update the expenses details such as Amount, Category, Payment Method, Status
FR-7	Graphical Representation	Expenses spent by the user are compared with the daily, weekly, monthly and yearly basis and represented in a Graphical form.
FR-8	Alerts	Alerts will be send to the user's registered mobile number/Email id , if he/she exceeds the usage of amount compared to the previous expenses
FR-9	Save Money	User will be able to save money by setting a new goal. In that the user will give the purpose of saving by clicking the categories displays below ➢ Education ➢ New Vehicle ➢ New Home ➢ Emergency Fund ➢ Health Care
FR-10	Logout	User will be able to logout the account for the security purposes

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The Personal Expense Tracker Application is user friendly. It helps the user to add the income and expense details easily.
NFR-2	**Security**	The application kept the user data secured. It also provide security to the user's income and expense details. (Python Flask to Cloud connect) Guarantees this security.
NFR-3	**Reliability**	To make sure the application doesn't go down due to network traffic and the details entered in this application is kept as highly confidential, so it is highly reliable.
NFR-4	**Performance**	This application does not require internet connectivity. There will be no network traffics to load the contents of the app. Hence, the performance will be high.
NFR-5	**Availability**	This application will be available to all users There is no need for Internet Connection to access this application. Hence, it will be easily available to the user at any point of time.
NFR-6	**Scalability**	The need for the application is high at a time when the user's incomes are high. It is a life time access application.