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

Date	29 October 2022
Team ID	PNT2022TMID06716
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	User Registration	Registration through our Website
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Add Expenses	Enter day to day expenditure as input Categorise the expenditure
FR-4	Remainder Mail	Reminds the user once their budget limit crosses 50% 75% 90% 100% of their limit
FR-5	Graph	Creates graph based on the day to day and weekly expenditure
FR-6	Add Salary	User needs to add salary at the start of the month
FR-7	Export CSV	User can export the raw data of their expenses for their own reference in the form of pdf or csv

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The interface is user friendly and it is easy to use by all type of users.
NFR-2	**Security**	Every data is secured and encrypted using many encryption algorithms.
NFR-3	**Reliability**	The transaction must rollback if there is any system failure or network issue.The data is saved when updation of data is failed between the process.Even if there is a failure,the data can be restored within some time.
NFR-4	**Performance**	The application should not take more than 30 seconds to load.The response is quick even if there is heavy traffic.
NFR-5	**Availability**	This application is globally available all the time regardless of the traffic.
NFR-6	**Scalability**	This application is scalable for multiple users as we use docker and kubernetes.