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

Date	21 October 2022
Team ID	PNT2022TMID27400
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 Form Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Multiple login	Using different mail identities allows for the login of many users. Additionally, the user can log into any device using their mail identity.
FR-4	Alerting the user	The quantity of money that can be spent must have a cap. If the user exceeds the cap, he will be alerted via text message or letter.
FR-5	Reporting	It is necessary to conduct an analysis of the costs. To assist the user in accounting and budgeting, a complete report must be produced based on the study.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	All users must be able to utilise the interface easily, and the essential functionality must be provided without charge to users.
NFR-2	**Security**	Multi-factor authentication should be used when logging into the application. Furthermore, a form of encryption technology is required to protect banking data.
NFR-3	**Reliability**	When updating data fails throughout a procedure, the transaction must roll back in case there was a technical or network issue. Even if there is a failure, it ought to be fixed quickly.

NFR-4	**Performance**	The loading time of the programme cannot exceed 30 seconds. Even when there is a lot of traffic, the response time should be swift..
NFR-5	**Availability**	Except for the module that is being updated, the remainder of the app can be utilised while it is being updated.
NFR-6	**Scalability**	The software needs to be built to function effectively even in busy traffic.