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

Date	13 October 2022
Team ID	PNT2022TMID20628
Project Name	Personal Expense Tracker Application - Cloud Application Development
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	1. Registration through Form 2. Registration through Gmail 3. Registration through LinkedIN
FR-2	User Confirmation	1. Confirmation via Email 2. Confirmation via OTP
FR-3	User Login	Login after registering properly.
FR-4	Track Expense	Tracking the expenses regularly.
FR-5	Dashboard panel	Managing the summary of expenses and income.
FR-6	Alert Notification	If the expenses exceed the limit that the user entered, notification will be sent through mail.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	1. This system will usable by anyone who are willing to manage their expenses and aims to save for future investments.
NFR-2	**Security**	1. This system assures all data inside the system or its part will be protected against malware attacks or unauthorized access.
NFR-3	**Reliability**	1. Each data record is stored on a well-built efficient database schema. There is no risk of data loss. The internal evaluation of data is well coded.
NFR-4	**Performance**	1. Calculates the overall expenses fastly and also generate it in the form of pdf documents.
NFR-5	**Availability**	1. Users can also able to add and calculate expenses in offline mode.
NFR-6	**Scalability**	1. This system has better storage capacity and also it provides flexibility to a product to appropriately react to growth.