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

Date	03 October 2022
Team ID	PNT2022TMID03162
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	User Login	Login through Email/Username and Password
FR-4	Dashboard panel	Shows the summary of expenses/incomes based on Category, vendor and the payment source.
FR-5	Add bill	Add the bill, expenses in add bill category. These features enables customize category of bill payments.
FR-6	Expense Tracker	Check your account statements. Categorize your expenses. Build your budget. Track your Expense.
FR-7	User Monthly/Weekly plan	This feature can enable the user to set budget limit of a week/month.
FR-8	Expense Planner	Calculate your net income. Spending limits for each category of expenses.
FR-9	Report Generation	Graphical representation of report can be generated.
FR-10	Alert	Alert message of excessed budget limit through mail. Alert message of every login of the account. Notifications of every transactions.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	To handle earnings and plan expenses and savings efficiently. Easy to use. Helps to keep an accurate record and track of their income and expenses easily.
NFR-2	**Security**	We save the password in the encrypted form so it will add more secure to the application user. Your login user name and passwords are stored securely in a separate database using multilayered hardware and software encryption
NFR-3	**Reliability**	Each data record is stored on a well-built efficient database schema. There is no risk of data loss.
NFR-4	**Performance**	Keeping a daily record of your expenses by tracking receipts, invoices and other outgoing expenses improves the financial health of your budget. The system's throughput is boosted because to the lightweight database support.
NFR-5	**Availability**	The application should be 100% available to user. User can able to access the application with the help of the internet through the web browser.
NFR-6	**Scalability**	The ability to appropriately handle increases the demand. Highly scalable because of Kubernetes (Automation of deployment and scalability).