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

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Date	03 October 2022
Team ID	PNT2022TMID11700
Project Name	Personal Expense Tracker
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Phone Number Registration through Gmail
FR-2	User Authentication	Confirmation via Email Confirmation via OTP
FR-3	Expense Tracker	Different Field to add expense and income
FR-4	Category	Allows to add category of income or expense
FR-5	Budget Limit	Budget can be set which alerts when expense exceeds the budget
FR-6	Expense Analysis	Based on expense,income and the categories an analysis is generated in form of a graph
FR-7	Calendar	New expenses can be added and existing expenses can be checked date and time wise.

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The user interface must be easy and simple and should provide a good user experience.The most crucial features should be available also in the free-tier
NFR-2	**Security**	This application involves finance data which is very sensitive. Various encryption algorithms are used to store data.
NFR-3	**Reliability**	All the processes occur in an asynchronous way,any internet or technical issue the transaction will rollback and the failure will be restored from the cloud.

NFR-4	**Performance**	The application is made with light-weight UI frameworks which allows fast and smooth working.The cloud and database system also has the least latency.
NFR-5	**Availability**	The application will have close to 0 down time.
NFR-6	**Scalability**	The application from core is developed in a way to increase user growth.