

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

Date	20 October 2022
Team ID	PNT2022TMID50744
Project Name	Project - Personal Expense Tracker
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	Delete Account	Confirmation via Email Confirmation via Password
FR-4	Transaction summary	Weekly Transactions Monthly Transactions
FR-5	Budget Carryover	Option to move the leftover budget to next month.
FR-6	Summary/Report	Based on categories and priorities. Inputs/Feedback based on spends.
FR-7	Mitigate Manual Errors	Using API's make note of online transactions and classify them.
FR-8	Finance news	Using News
FR-9	Visualisation of expenses	Using visualisation tools to display the expense split

## Non-functional Requirements

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The system shall be user-friendly and can be used easily by the masses.
NFR-2	<b>Security</b>	The system shall only permit authorized users to access the system. The system shall prevent unauthorized users from entering the system.
NFR-3	<b>Reliability</b>	The system shall be in the operational mode for at least 320 days in a year. In case of failure, the system shall be able to recover in under 5 seconds.
NFR-4	<b>Performance</b>	The system shall be able to record a user's expense as input, process and display it in under 2 seconds.
NFR-5	<b>Availability</b>	The system shall be available for public use as long as it remains operational.
NFR-6	<b>Scalability</b>	The system shall be accessible to over 10,000 concurrent users without any loss of performance.