

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

Team ID	PNT2022TMID27692
Project Name	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	Add Expenses	Split the everyday expenses into many categories. (Example:- Groceries, Rent, Entertainment)
FR-4	Reminder Mail	Sending reminder mail to the user if he/she has not filled that's day's expenses.
FR-5	Creating Graphs	Shows the graph with everyday and weekly expenses.
FR-6	Add Salary	Users must enter the salary at the start of the month
FR-7	Export CSV	User can export the raw data to their expenditure as CSV

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	A quality attribute that assesses how easy user interfaces are to use.
NFR-2	Security	The state of feeling safe and being free from worry.
NFR-3	Reliability	The quality of being trustworthy or of performing consistently well.
NFR-4	Performance	The load is managed through the load balancer used with docker. Thus ensuring good performance.
NFR-5	Availability	With load balancing and multiple container instances, the service is always available.
NFR-6	Scalability	The ability to increase or decrease in performance and cost in response to changes in application and system processing demands.