

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

Date	10-10-2022
Team ID	PNT2022TMID37692
Project Name	Personal Expense Tracker
Maximum Marks	4 Marks

Functional Requirements:

These are the requirements that the end user specifically demands as basic facilities that the system should offer. Tracking income and expenses: Monitoring the income and tracking all expenditures
Scale-up at the pace your business is growing. Control the security of your business and customer data. Seamlessly integrate with existing infrastructure

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Email Account
FR-2	Flexible	Personal expense tracker application must allow user to add & remove data of their expenses.
FR-3	Graphical Representation	This application should graphically represent the expense in the form of report.
FR-4	Report Generation	Graphical representation of report must be generated.
FR-5	Category	This application shall allow users to add categories of their expenses.

Non-functional Requirements:

These are basically the quality constraints that the system must satisfy according to the project contract. The priority or extent to which these factors are implemented varies from one project to other. They are also called non - behavioral requirements.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	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.
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	Expense kinds include categories and an option. The system's throughput is boosted because to the lightweight database support.
NFR-5	Availability	User can able to access the application with the help of the internet through the web browser.
NFR-6	Scalability	Highly scalable. Because of Kubernetes (Automation of deployment and scalability)