

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

Date	17 October 2022
Team ID	PNT2022TMID02662
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
FR-2	User Confirmation	Resetting the password by sending OTP to user's email
FR-3	Dashboard Panel	Insights about the expenses and navigation panel
FR-4	Expense Adder	User can add their expenses through add function
FR-5	Notifications	Send notification about their monthly expenses
FR-6	User Confirmation	Confirmation via email

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Used to track and manage user's expenses
NFR-2	Security	Encrypt data using TLS protocol and hash the data at the server
NFR-3	Reliability	Technical support by email assistance
NFR-4	Performance	Performance will be constant in any applications it is a web application
NFR-5	Availability	Available all the time as it is backed by IBM Virtual Servers
NFR-6	Scalability	Kubernetes clusters will manage the scalability parts by creating new pods in the cluster whatever required