

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

Date	03 October 2022
Team ID	PNT2022TMID04422
Project Name	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
FR-2	Forget password	Resetting the password by sending verification code to user's email
FR-3	Dashboard Panel	Insights about the expenses and navigation panel
FR-4	Expense Adder	User can add their expense and get insights
FR-5	Notifications	Send notification insights to the user's email
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	<b>Usability</b>	Used to track and manage user's expenses
NFR-2	<b>Security</b>	Encrypt data using TLS protocol and hash the data at the server
NFR-3	<b>Reliability</b>	Technical support by email assistance
NFR-4	<b>Performance</b>	Performance will be constant in any applications it is a web application
NFR-5	<b>Availability</b>	Available all the time as it is backed by IBM Virtual Servers

NFR-6	<b>Scalability</b>	Kubernetes cluster will manage the scalability parts by creating new pods in the cluster whenever required
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