

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

Date	03 October 2022
Team ID	PNT2022TMID14560
Project Name	Personal Expense Tracker
Maximum Marks	4 Marks

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration through Email
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Login	Login through email and password
FR-4	Forgot Password	Send OTP to Email
FR-5	Dashboard Panel	Input Expense Input Budget
FR-6	Report Generation	Generate Statement for a specific Time Period (Custom, Weekly, Monthly)
FR-7	Graphical Report	Generate Report in a Graphical Form (Pie Chart, Bar Chart, Line Chart)
FR-8	Alert/Notification	Email when the limit exceeds.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Compatibility of the tracker application in any devices and a webapp version too.
NFR-2	Security	Encryption of Passwords stored in the Database.

NFR-3	Reliability	No fear of data leakage or security issue since trustworthy database and its structure.
NFR-4	Performance	Optimised Categorisation of the expenses can increase the efficiency of the application.
NFR-5	Availability	Can access the application anytime and anywhere since the support of IBM cloud.
NFR-6	Scalability	The Potential to handle exponential growth in users