

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

Date	20 October 2022
Team ID	PNT2022TMID03491
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 gmail,facebook,outlook.
FR-2	User verification	Confirmation via Email or OTP
FR-3	Categorization	Classification of expenses based on different categories
FR-4	Report	A monthly report will be sent to the customer in docx format or pdf format.
FR-5	Graphical Representation	Customers will be able to view their expenses and budget data in a graphical way
FR-6	Inbuilt calender	To keep track of the expenses and other financial stuff.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Assists in maintaining an accurate record of the customer's revenue and expenses
NFR-2	Security	Uses 3fa for logging in and will send an alert message if the account is logged in from any other place.
NFR-3	Reliability	Each data collection is stored in IBM db2 which is very safe and the web api will be https and shall be coded in way to have more security.
NFR-4	Performance	IBM db2 is available in nearly any region, hence the performance of querying the data will be much faster.
NFR-5	Availability	The personal expense tracker application will always be available.
NFR-6	Scalability	Will be able to handle big data's in an efficient way