

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

Date	27 October 2022
Team ID	PNT2022TMID45361
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 Phone number Registration through Gmail
FR-2	User Confirmation	Confirmation via Gmail Confirmation via OTP
FR-3	Add Income and Expense	Different Field to add income and expense
FR-4	Category	Allows user to add categories of their expenses
FR-5	Alert notification	Alerts user when expense reaches the provided budget
FR-6	Report Generation	It generates the report of your budget usage

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface should be user friendly, easy and simple to understand. The application must be error free
NFR-2	Security	IBM cloud provides the latest security and technology measures to keep customer personal and financial details confidential
NFR-3	Reliability	If there is any internet or technical issue the transaction will rollback and the failure will be solved quickly
NFR-4	Performance	It helps to acquire control of your finance, pay down debt, helps to grow in your career. The cloud database system also has the least latency
NFR-5	Availability	User can access the application for free
NFR-6	Scalability	The IBM cloud has the ability to appropriately handle increasing demands