

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

Date	13 October 2022
Team ID	PNT2022TMID49997
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 Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Give the permission to know the bank details.	Check correct bank detail using phone number By getting SMS.
FR-4	Select category of expenses.	Search / type the category then simply click to add the expenses.
FR-5	Update Expense	Update expense manually. Update automatically by reading the SMS and notification.
FR-6	Display expense	Generating Pie-chart representation of expenses. Listing all expense in table format.
FR-7	Alert notification	Notification send when cross the 75% of salary.
FR-8	Compare previous month expense	Compare last month expense to current month and Display difference using Bar graphs.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	App would be user friendly, so user can access the features easily.
NFR-2	Security	A user's data and bank details would be secured and not be leaked to an outsider.
NFR-3	Reliability	Personal expense tracker app is reliable it abstract the user details from third parties.
NFR-4	Performance	Performance is high they don't long time for navigating to other page.
NFR-5	Availability	App give the accessible expected by the user it give the graphical representation of the expense.
NFR-6	Scalability	If user want to automatic update of expenses they able to allow for reading SMS.