

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

Date	15 October 2022
Team ID	PNT2022TMID03110
Project Name	Personal Expense Tracker Application
Maximum Marks	4 Marks

**Functional Requirements:**

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	User should Register using their Email.
FR-2	Login	Enter username (Email) and password
FR-3	Select Method	Two methods are provided 1-Manual (Manually Enter the expenses) 2-Bank (Link Bank Account)
FR-4	Manual Method	Manually user can enter the expenses by using voice recognition by simply saying category and amount spent on that also can use Barcode Scanner by using Bill provided while purchasing.
FR-5	Bank Method	In Bank method user have to Enter their Bank details in prior and all the Bank using transactions are detected and tracker accordingly.
FR-6	Expense Tracker	This application should graphically represent the expense in the form of report.
FR-7	Report generation	Graphical representation of report must be generated.
FR-8	Category	This application shall allow users to add categories of their expenses.

**Non-functional Requirements:**

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Helps to keep an accurate record of your income and expenses.
NFR-2	<b>Security</b>	Budget tracking apps are considered very safe from those who commit cyber crimes.
NFR-3	<b>Reliability</b>	Each data record is stored on a well built efficient database schema. There is no risk of data loss.
NFR-4	<b>Performance</b>	The types of expense are categories along with an option. Throughput of the system is increased due to light weight database support.
NFR-5	<b>Availability</b>	The application must have a 100% up-time.
NFR-6	<b>Scalability</b>	The ability to appropriately handle increasing demands.