

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

Date	15 October 2022
Team ID	PNT2022TMID33587
Project Name	Personal Expense Tracker Application
Maximum Marks	4 Marks

**Functional Requirements:**

- A functional requirement defines a function of a system or its component, where a function is described as a specification of behaviour between inputs and outputs.
- It specifies “what should the software system do?”

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Sub-Task)
FR-1	User Registration	Registration can be done in order to get the user details.
FR-2	User Category	Categorization of different expenses
FR-3	Forgot Password	Resetting the password or username by sending an OTP to user's Phone SMS.
FR-4	User Login	User Login to the dashboard through mail account or by entering username and password.
FR-5	Dashboard	User can add the expense and can evaluate them using the provided options.
FR -6	Alert User	Alerting the user by a Notification system.
FR -7	Result Page	Shows the user result of the tracked expense.
FR-8	Visual Representation	Report should be in a graphical format.

**Non-functional Requirements:**

- A non-functional requirement defines the quality attribute of a software system

- It places constraint on “How should the software system fulfill the functional requirements?”

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Used to keep a record of how your expense got spent.
NFR-2	Security	Customer data's are protected with strong password.
NFR-3	Reliability	If the customer face any problem, then they can sent query messages.
NFR-4	Performance	Makes trustworthy calculations and performance consistently well.
NFR-5	Availability	Application is made available 24/7 for the user.
NFR-6	Scalability	It would work perfectly even while storing huge amount of datasets and giving multiple commands doesn't affect its performance.