

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

Date	16 October 2022
Team ID	PNT2022TMID00810
Project Name	Project – 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?”
- It is mandatory.
- Defined at a component level.
- Usually easy to define’
- Helps you verify the functionality of the software’

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 Registration through LinkedIn.
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP.
FR-3	User Access/login	Login using e-mail and password.
FR-4	User Data	Adding user expenses through input field and categories.
FR-5	User Alert	Sending alert to e-mail.

Non-functional Requirements:

- A non-functional requirement defines the quality attribute of a software system.
- It places constraint on “How should the software system fulfil the functional requirements?”
- It is not mandatory’

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Customers can use the application in all types of smartphones .
NFR-2	Security	Customers are asked to set a password while registering , then everytime they login again it asks for password.
NFR-3	Reliability	There is chat option in app ,if there is any issue , Customers can send them through chat.
NFR-4	Performance	Customers will have a smooth experience while using the application, as it is simple and is well optimised.
NFR-5	Availability	Mobile App.
NFR-6	Scalability	In future, may be cross-platform mobile applications can be developed as the user base grows.