

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

Date	30 October 2022
Team ID	PNT2022TMID22090
Project Name	Personal Expense Tracker
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 form should be filled by the user. Details like User Name , Password and Email Id must be filled.
FR-2	User Login	User can now log in using the login credentials username and password.
FR-3	Dashboard	Dashboard consists of credit, debit and check balance buttons . It is the main page. User can return back to this page and make their updates at any time.
FR-4	Income and Expenses Daily Update	User can upload their daily expense information that are spent on books, travel ,food etc.
FR-5	Alert	When the customer's expenses exceeds the limit, then alert will be automatically sent to the user's mail id
FR-6	Credit and Debit	User can make transaction in the saving account and the page has href link which is provided to come back to the dashboard.

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	It is an user friendly application. Makes the process simpler for user.
NFR-2	<b>Security</b>	System has security properties and features in application.
NFR-3	<b>Reliability</b>	The system is reliable in all features and accessible at any time.
NFR-4	<b>Performance</b>	The system process data and performs update every second. Takes a bit time when processing large data.
NFR-5	<b>Availability</b>	The system is available anytime and anywhere . workable 24/7 for all 365 days in a year.
NFR-6	<b>Scalability</b>	The application includes scalability and storage of information through IBM cloud storage.