

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

Date	14 October 2022
Team ID	PNT2022TMID24912
Project Name	Project - 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 through Form Registration through Google Registration through LinkedIn Registration through Facebook
FR-2	User Confirmation	Confirmation via Email Confirmation via Mobile OTP
FR-3	User Financial Accounts	Account Details Verification of Details Authenticate Bank Accounts
FR-4	User Dashboard	Expense Data Data Records
FR-5	User Notifications	System Access Real time Alerting Notification through Mobile and Email
FR-6	Security of User Data	Secured Database Data Security Algorithms Hashing Passwords

### Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	<p>By using this application, the user can keep track their expenses and can ensure that user's money is used wisely and check the bank balance and transaction history of daily usage.</p> <p>This Application support in all platforms and devices and Device Portability.</p>
NFR-2	<b>Security</b>	<p>Maintain user personal details in a encrypted manner by using data security algorithms . OAuth is used in this application.</p>
NFR-3	<b>Reliability</b>	<p>It helps you track all transactions like bills, refunds, payrolls, receipts, taxes, etc., on a daily, weekly, and monthly basic.</p>
NFR-4	<b>Performance</b>	<p>Its help to monitor the expense and store in the cloud. It is fast and secure with high performance Graphical interface.</p>
NFR-5	<b>Availability</b>	<p>Using charts and graphs may help you monitor your Expenses, income, budgeting and assets.</p>
NFR-6	<b>Scalability</b>	<p>We can access the application without any infrastructure setup.</p> <p>This application is easy to install and configure in the devices.</p> <p>Rely on your budgeting app to track, streamline,and automate all the recurrent expenses and remind you on a timely basis.</p>