Project Design Phase – II
Solution Requirements (Functional and Non-Functional)

Date	12 October 2022
Team ID	PNT2022TMID12530
Project Name	Personal Expense Tracker
Maximum Marks	4 Marks

Functional Requirements:

The functional requirements of the proposed solution are as follows,

S No.	Functional Requirement	Sub Requirement
1	Registration	Registration can be done via registration form. Registration can be done through One-Tap Google Sign- in.
2	Login	Use the proper credentials to login.
3	Add and updating expenses to various categories	Easily keep track of spending data for each category, update it regularly, and monitor the top limit.
4	Monthly Expense Report Generation	Produce reports quickly for one or more categories, and monthly reports will aid in keeping track of yearly expenses.
5	Alert email/ Remainder	Remainder to update and add every day's expenses.
6	Logout	Logout when the updating and reviewing of the day's expense is done Can login again with user credentials to use the app

Non-Functional Requirements:

The non-functional requirements of the proposed solution are as follows,

S No.	Non-Functional Requirement	Description
1	Usability	Despite the variety of languages, the user interface should be accessible to everybody. The application ought to be simple enough for some people with disabilities to utilise. (For instance, include Google Assistant so that blind users may utilise it.) Platform and device independence should apply to the app and UI. As many devices as feasible should be compatible with it.
2	Security	The primary security is covered by the security requirements. With their credentials, only authorised users can access the system. Any unauthorised access or data breaches should be reported to the administrator or the relevant security team so that it may be fixed very away.
3	Reliability	In the event that the server is unavailable due to a hardware or software malfunction, the software need should be able to connect to the database.The application should recover quickly, resulting in a very short period of application outage.The users must be informed in advance of the server's scheduled maintenance breaks in order for them to be prepared

4	Performance	With top-tier servers operating the software, the app's performance ought to be dependable.
5	Availability	Users should be able to access the software 24/7, with all features functional. Deploying new modules shouldn't affect how accessible and useful current modules are.
6	Scalability	When more customers are added, the entire software system must be easily expandable.