

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

Team ID	PNT2022TMID39193
Project Name	Personal Expenses Tracker Application
Maximum Marks	4 Marks

Functional requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional requirements (Epic)	Sub requirements (Story/ Sub-task)
FR-1	User registration	Registration through form. Registration through Gmail.
FR-2	User confirmation	Confirmation via Email. Confirmation via OTP.
FR-3	Login	User needs to enter the username and password and login through the OTP.
FR-4	Expense tracker	The app will display the current expenses of the user through expenses dashboard.
FR-5	Adding new expenses	New expenses will be added.
FR-6	Deleting expenses	Expenses can be easily deleted and new balance will be refreshed.
FR-7	Notification	The user will be notified when their expense exceeds the limit which is already set by them.

Non-Functional requirements:

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

NFR No.	Non-Functional requirements	Description
1.	Usability	The app will be user-friendly and help the user to maintain the accurate record of their income and expenses.
2.	Security	Access to the app will be through OTP on the registered phone number so it is very safe from third person.
3.	Reliability	Each data is stored in well-built efficient database schema. There is no risk of data loss.
4.	Performance	The performance of the app will not degrade even upon high-stress load.
5.	Availability	This app will have a 100% up-time.
6.	Scalability	This app has ability to include more functionality in the future.