

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

<b>Team ID</b>	PNT2022TMID45745
<b>Project Name</b>	Personal Expenses Tracker Application
<b>Maximum Marks</b>	4 Marks

**Functional requirements:**

Following are the functional requirements of the proposed solution.

<b>FR No.</b>	<b>Functional requirements (Epic)</b>	<b>Sub requirements (Story/ Sub-task)</b>
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.
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### **Non-Functional requirements:**

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

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