

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

Date	03 October 2022
Team ID	PNT2022TMID04427
Project Name	Project - Personal Expense tracker application
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	Register with username, email and password
FR-2	User Confirmation	Confirmation via Email
FR-3	User Login	Login using registered email/username and password
FR-4	User Profile	View and edit user profile
FR-5	Dashboard	Display analysis of expense and expense history of user
FR-6	Report Generation	Download report
FR-7	Logout	

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The webpage will be designed in such a way that any non-technical user can easily navigate through it and complete the job registration work. (Easy and Simple design).
NFR-2	Security	Secure access of user's confidential data. Using an SSL certificate (Python Flask to Cloud connect) will provide security to the project. Database will be safely stored in DB2.
NFR-3	Reliability	The ability of the application to behave consistently in a user-acceptable manner when operating within the environment for which the system was intended.
NFR-4	Performance	Performance should be fast even for huge users at a time.
NFR-5	Availability	The system should be available at all times, meaning the user can access it using a web browser, only restricted by the down time of the server on which the system runs.

NFR-6	Scalability	Increasing the storage space of a database can increase the number of users. Add some features in future to make the webpage unique and attractive.
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