

Project Design Phase-II

Solution Requirements (Functional & Non – Functional)

Date	03 October 2022
Team ID	PNT2022TMID39972
Project Name	Personal expence tracker application
Maximum marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirements	Sub Registration
FR-1	Login	Login can be done using mobile number or user name and password.
FR-2	Authentication	Login access can be verified by email the user will notify by an email.
FR-3	Reliable servers	private database and Reliable and efficient sever was used
FR-4	Access	Scanning of bill and cheque by image selection. Personal calculation can be done.

FR-5	certifications	SSL certificate to enables encryption between the users and server
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Non-Functional Requirements:

Following are the Non-Functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	A user-friendly interface to make use simple and efficient
NFR-2	Security	Log in credentials ensures the user data, calculation of expenses are known only by the user.
NFR-3	Reliability	It has a fault-tolerance infrastructure it can be able to provide a reliable service
NFR-4	Performance	Text recognition, tesseract OCR where used to identify the images and text of the images. therefore it gives accurate expenses of the user and it is more secure so the application is very responsive
NFR-5	Availability	It is a cloud based web application so user can access with out any platform limitations ,just using a browsers with a internet connection is enough for use the application
NFR-6	Scalability	It has a high throughput, enough network resources and soon and quick calculation of expenses and it gives the difference.

