

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

Date	21 October 2022
Team ID	PNT2022TMID39030
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	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Request	The user sends the request to the server to know about the monthly how much money spend in home,extra things,etc
FR-4	Server Response	The server sends the response to the user sent requested, Showing them their monthly expenses as pie chart and notify them when the monthly expenses raise above the fixed limit.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Because in its essence it doesn't specify parts of the system functionality, only how that functionality is to be perceived by the user , for instance how easy it must be to learn and how efficient it must be for carrying out user tasks.
NFR-2	Security	Assuring all data inside the system or its part will be protected against malware attacks or unauthorized access.
NFR-3	Reliability	Reliability is the extent to which the software system consistently performs the specified functions without failure . ELICITATION: Reliability requirements address the user concern for the system's immunity to failure.

NFR-4	Performance	Emails should be sent with a latency of no greater than 12 hours. Each request should be processed within 10 seconds. The site should load in 3 seconds when the number of simultaneous users are > 10000.
NFR-5	Availability	While it can be expressed as an expected percentage of successful requests, you may also define it as a percentage of time the system is accessible for operation during some time period.
NFR-6	Scalability	Scalability is the ability of the application to handle an increase in workload without performance degradation, or its ability to quickly enlarge.