

PROJECT DESIGN PHASE-II
SOLUTION REQUIREMENTS (FUNCTIONAL & NON-FUNCTIONAL)

Date	03 October 2022
Team ID	PNT2022TMID02698
Project Name	Personal Expense Tracker
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	Be aware of daily expenditures	<i>Enter amount spent</i>
FR-2	Generate visually appealing charts	<i>Notify users periodically to update their expenses</i>
FR-3	Categorize credit and debit transactions	<i>Always looks for credit/debit threshold</i>
FR-4	Prompt to not exceed the threshold amount	<i>Send email alerts if the user is on the verge of exceeding the threshold</i>
FR-5	Show ways to minimize expense in the most spent area	<i>Constantly look for patterns from previous expenses to improve accuracy</i>

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<i>The UI/UX must be visually appealing and pleasing to the senses with proper placements of primitive elements.</i>
NFR-2	Security	<i>Completely safe and private as user's data is neither shared nor utilized for any other secondary purposes.</i>
NFR-3	Reliability	<i>The application is guaranteed to give non-erroneous results at most instances.</i>
NFR-4	Performance	<i>The application is entirely robust to handle the incoming traffic even if there occurs an unexpected surge.</i>
NFR-5	Availability	<i>The application does not fail to keep track of the expenses that have been entered</i>
NFR-6	Scalability	<i>The system must be scalable enough to support a few thousand visits simultaneously while maintaining optimal performance.</i>