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

Date	01 November 2025
Team ID	NM2025TMID02948
Project Name	Calculating Family Expenses using ServiceNow
Maximum Marks	4 Marks

Functional Requirements :

Following are the functional requirements of the proposed solution.

S.No	Functional Requirement	Story / Sub-Task
FR1	Expense Submission	User submits expenses in categories (food, rent, education, utilities) via a web form.
FR2	Edit/View Expenses	User views and edits recorded expenses.
FR3	Expense Calculation	System automatically calculates monthly/category-wise totals.
FR4	Budget Alerts	System sends alerts when expenses exceed defined budget limits.
FR5	Expense Reports	User downloads monthly and category-wise expense reports in PDF/Excel format.
FR6	User Authentication	Only authorized family members can access and modify the expense data.

Non-Functional Requirements:

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

S.No	Non-Functional Requirement	Description
NFR1	Usability	App interface must be simple and user-friendly for all family members.
NFR2	Reliability	System must operate without loss of data and generate correct calculations.

NFR3	Security	Expense data must be protected and access restricted to authorized users.
NFR4	Performance	System should process and show reports instantly, supporting multiple users.