

Requirement Analysis

Project Design Phase-II

Solution Requirements (Functional & Non-Functional)

Date	2 NOVEMBER 2025
Team ID	NM2025TMID05455
Project Name	Calculating Family Expenses using ServiceNow
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, Gmail, or Mobile Number.
FR-2	Expense Entry	Add daily, weekly, or monthly expenses under specific categories (e.g., food, transport, education).
FR-3	Expense Categorization	System automatically classifies expenses into predefined categories.
FR-4	Budget Setting	User can set monthly or yearly budgets and limits for each category.
FR-5	Expense Analysis	System generates visual reports and charts showing expense distribution.
FR-6	Savings Suggestion	Based on spending patterns, the system suggests ways to save money.

Non-Functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The interface should be simple and user-friendly for all family members.
NFR-2	Security	Only authorized users can access or modify family expense records.
NFR-3	Reliability	The system must accurately calculate and store all expense data.
NFR-4	Performance	Calculations and report generation must occur quickly without lag.
NFR-5	Availability	The system should be available 24/7 for users to view or update expenses.
NFR-6	Scalability	The system should handle increasing data entries as family records grow.