

## **Project Design Phase – II**

### **Solution Requirements (Functional & Non-functional)**

Date	02 NOVEMBER 2025
Team ID	NM2025TMID08441
Project Name	Calculating Family Expenses Using ServiceNow
Maximum Marks	4 Marks

### **Functional Requirements**

<b>FR No.</b>	<b>Functional Requirement(Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
FR-1	Daily Expense Recording	Record daily expenses with date, amount, comments, and family member name.
FR-2	Family Expense Summary	Automatically calculate and store total daily expense.
FR-3	Auto Number Generation	Auto-generate unique record numbers for both tables.
FR-4	Relationship Management	Display related daily expenses under corresponding family expense record.
FR-5	Data Validation	Mandatory fields for accuracy (Date, Amount).

FR-6	Reporting	Allow users to view and analyze daily spending summaries.
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### **Non-Functional Requirements**

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Simple, form-based interface for easy expense entry.
NFR-2	Security	Only authorized users can enter or view expense data.
NFR-3	Performance	Automatic updates should occur instantly after entry.
NFR-4	Reliability	Data should always remain consistent across tables.
NFR-5	Availability	System accessible anytime through ServiceNow cloud.
NFR-6	Scalability	Supports increasing users or records without slowdown.