

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

Date	24 June 2025
Team ID	LTVIP2025TMID20412
Project Name	Calculating Family Expenses using Service Now
Mentor Name	Dr Shaik Salma Begum
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	ServiceNow Setup	Set up Personal Developer Instance
FR-2	Update Set Management	Create and activate update set
FR-3	Table Creation	Create Family Expenses table with auto-numbering Create Daily Expenses table with auto-numbering
FR-4	Relationship Configuration	Configure relationship between Family and Daily Expenses Add related list to Family Expenses form
FR-5	Business Rule Automation	Create business rule to automate insert/update actions
FR-6	Budget Monitoring	Configure alert when expenses exceed budget
FR-7	Reporting	Generate categorized expense reports

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The system will provide user-friendly forms and clear related lists for easy data entry and review.
NFR-2	<b>Security</b>	Only authorized users will have access to configure or modify expense records and settings.
NFR-3	<b>Reliability</b>	The system will accurately maintain relationships and business rule triggers without data loss.
NFR-4	<b>Performance</b>	The system will process record creation and form loading within acceptable response times.
NFR-5	<b>Availability</b>	The solution will be available during PDI uptime without downtime for core operations.
NFR-6	<b>Scalability</b>	The solution will support additional expense records, families, and reporting requirements as needed.