# Project Design Phase-II

## Solution Requirements (Functional & Non functional)

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|---|---|
| Date | 02 NOV 2025 |
| Team ID | NM2025TMID00940 |
| 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 | Expense Entry | Enter daily, weekly, or monthly expenses |
| FR-2 | Expense Categorization | Categorize expenses (e.g., Food, Rent, Utilities) |
| FR-3 | Budget Setup | Set monthly or custom budget limits |
| FR-4 | Expense Calculation | System automatically calculates total expenses |
| FR-5 | Budget Alert | Display alert when expenses exceed budget |
| FR-6 | Report Generation | Generate monthly and category-wise reports |

### Non-functional Requirements:

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

| NFR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | Usability | The interface should be user-friendly for all family members. |
| NFR-2 | Security | Only authenticated users can add, edit, or view expenses. |
| NFR-3 | Reliability | The system must correctly calculate and update expenses at all times. |
| NFR-4 | Performance | Calculations and report generations should be processed quickly. |
| NFR-5 | Availability | The system should be accessible anytime through ServiceNow. |
| NFR-6 | Scalability | Should handle multiple users and increased expense records efficiently. |