**Project Design Phase-II**

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

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| Date | 31 May 2025 |
| Team ID | LTVIP2025TMID28656 |
| Project Name | Calculating Family Expenses Using Service Now |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Expense Management | |  | | --- | | Add Daily Expenses (date, amount, comments) |   Update and categorize by Family Member Name  View and Edit Previous Entries |
| FR-4 | |  | | --- | |  |  |  | | --- | | Dashboard & Reporting | | View consolidated family expenses by date/month  Generate downloadable reports  Visualize data with charts and summaries |

**Non-functional Requirements:**

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

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| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Interface must be intuitive, user-friendly, and accessible for all family members |
| NFR-2 | **Security** | Only authorized users can access, edit, or view expense data; use ACLs & roles |
| NFR-3 | **Reliability** | The system should consistently record and update expenses without data loss |
| NFR-4 | **Performance** | Expense submission and dashboard updates must occur within 2 seconds |
| NFR-5 | **Availability** | The system should be accessible 99% of the time, including mobile access |
| NFR-6 | **Scalability** | The platform must support growing users and expense entries without performance issues |