

<b>Date:</b>	<b>2 November 2025</b>
<b>Project Title:</b>	<b>Calculating Family Expenses using ServiceNow</b>
<b>Team ID:</b>	<b>NM2025TMID08734</b>

# Solution Requirement

## Phase: Requirement Analysis

### 1. Functional Requirements

1. User Account Management – Users should be able to register, log in, and manage profiles using ServiceNow's authentication system.
2. Expense Entry – Users can record daily, weekly, or monthly expenses with date, category, and amount.
3. Expense Categorization – Automatic grouping into predefined or custom categories.
4. Budget Setting and Tracking – Define budgets and receive alerts for exceedance.
5. Report Generation – Generate and export reports (PDF, Excel).
6. Dashboard Visualization – Interactive dashboard using ServiceNow Analytics.
7. Notifications and Alerts – Email or in-app alerts for key updates.

### 2. Non-Functional Requirements

1. Usability – Simple and intuitive interface.
2. Performance – Support up to 1000 entries per user.
3. Security – Data encryption and ServiceNow authentication.
4. Scalability – Support multiple family accounts.
5. Reliability – 99% uptime.
6. Data Backup – Automatic backup in ServiceNow cloud.
7. Compatibility – Works on web and mobile.

### 3. System Requirements

- Platform: ServiceNow
- Database: ServiceNow CMDB
- Frontend: ServiceNow UI Builder
- Access: Web and mobile portal
- Integration: Google Sheets or Excel (optional)