Project Design Phase
Problem – Solution Fit Template

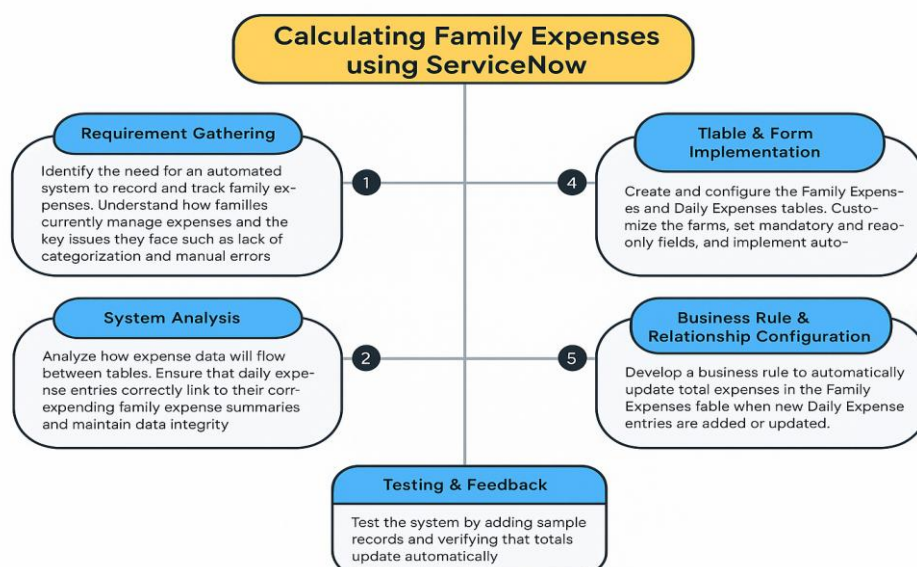| Date	2 November 2025
Team ID	NM2025TMID04665
Project Name	Calculating Family Expenses using ServiceNow
Maximum Marks	2 Marks

Problem – Solution Fit Template:

Managing family expenses manually is often time-consuming, error-prone, and lacks proper categorization or tracking mechanisms. Many families struggle to maintain accurate records of their daily expenditures, leading to poor budgeting and unplanned spending. Without a centralized system, it becomes difficult to analyze expenses, monitor family members' spending, or make informed financial decisions.

Purpose:

- The project "Calculating Family Expenses using ServiceNow" provides an automated and efficient solution to manage and analyze family financial data. Using ServiceNow's platform, we built interconnected tables — *Family Expenses* and *Daily Expenses* — that automatically update and summarize daily transactions.

- With features like auto-numbering, dynamic relationships, business rules for real-time updates, and form customization, the system ensures seamless tracking and aggregation of all expenses.

- This solution empowers users to categorize expenses, maintain accurate daily records, and gain clear insights into spending patterns — promoting better financial management within the family.

Template:

Outcome / Impact:

- Enhanced accuracy and transparency in family expense records.
- Automated synchronization between daily and total expense tables.
- Reduced manual workload and faster expense summarization.
- A structured and scalable solution that can adapt to different family sizes.
- Encourages responsible budgeting and informed financial decisions.