

Project Design Phase

Problem – Solution Fit Template

Date	02 November 2025
Team ID	NM2025TMID03181
Project Name	Calculating Family Expenses using ServiceNow
Maximum Marks	2 Marks

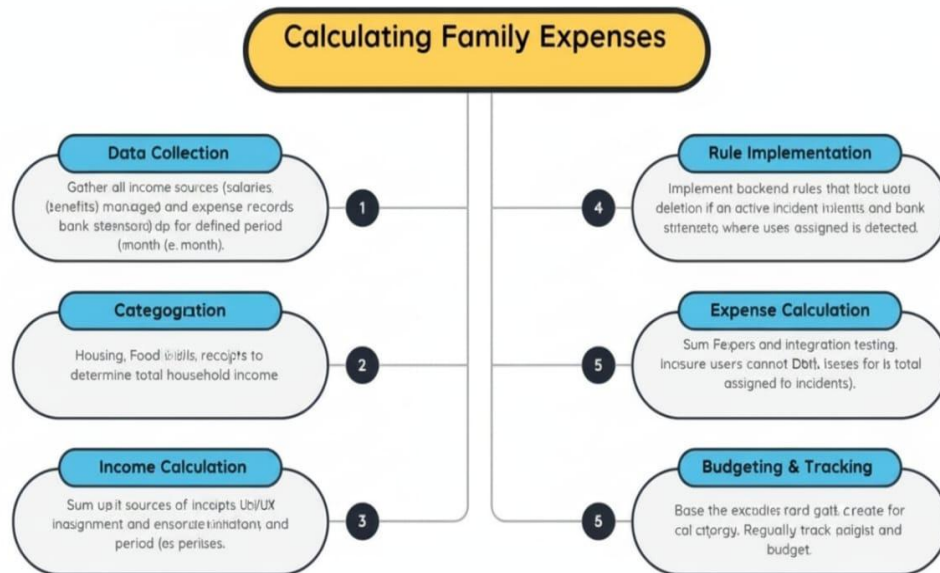
Problem – Solution Fit :

The Problem–Solution Fit identifies a real-world challenge faced by families in managing their expenses and ensures that the proposed solution effectively addresses this problem. It helps users automate, organize, and analyze their daily and monthly spending through the ServiceNow platform.

Purpose:

- ✓ Simplify financial tracking by automating data entry and expense categorization.
- ✓ Eliminate manual errors in budgeting and calculation.
- ✓ Provide real-time insights and alerts when expenses exceed budget limits.
- ✓ Improve financial awareness and decision-making through visual dashboards.
- ✓ Create a centralized and user-friendly expense management system accessible to all family members.

Template:



The project “Calculating Family Expenses using ServiceNow” addresses a common household challenge — the lack of structured and automated expense management. Manual tracking through notebooks or spreadsheets often leads to inconsistencies, calculation errors, and difficulty identifying spending patterns.

Our proposed solution leverages ServiceNow’s automation capabilities to build a custom application that records, categorizes, and calculates expenses efficiently. By using tables, relationships, and business rules, the system automatically updates totals, generates visual reports, and sends alerts when spending exceeds the set budget.

This ensures improved financial transparency, accuracy, and accountability. The platform not only simplifies expense management but also empowers families to make informed financial decisions and maintain control over their budgets. The solution enhances convenience, reduces stress, and brings structure to household financial planning.