

**Project Design Phase Problem  
Solution Fit Template**

Date	02 NOVEMBER 2025
Team ID	NM2025TMID03685
Project Name	Calculate Family Expenses using ServiceNow
Maximum Marks	2 Marks

**Problem – Solution Fit Template:**

The **Family Expense Management System** is designed to help families conveniently record, track, and analyze their daily expenditures using the ServiceNow platform.

In many households, expenses are still managed manually through notebooks or spreadsheets, which often results in data loss, duplication, and difficulty in identifying spending patterns.

Our digital ServiceNow-based solution eliminates these challenges by enabling users to enter their daily expenses and automatically calculate total daily and monthly spending. It enhances financial visibility, encourages disciplined budgeting, and ensures data accuracy and consistency.

**Purpose:**

- ☐ Automate expense management to minimize manual calculation errors..
- ☐ Provide a unified, centralized dashboard for monitoring family expenses.
- ☐ Enable better financial decision-making through real-time expense insights.

- ☐ Support future enhancements such as income management and savings tracking.
  - ☐ Foster financial awareness and transparency among all family members.
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**Template:****References:**

1. <https://developer.servicenow.com/>
2. <https://learn.servicenow.com/>
3. <https://www.ideahackers.network/problem-solution-fit-canvas/>
4. <https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe>

**Summary:**

The project “Calculate Family Expenses using ServiceNow” focuses on automating household expense tracking by utilizing ServiceNow tables, relationships, and business rules. It replaces manual processes with a streamlined digital workflow that records daily transactions and updates total family expenses in real time. This approach improves accuracy, saves time, and provides a clear view of household financial data — empowering families to manage budgets efficiently and make informed spending decisions.

