

# PROJECT DESIGN PHASE

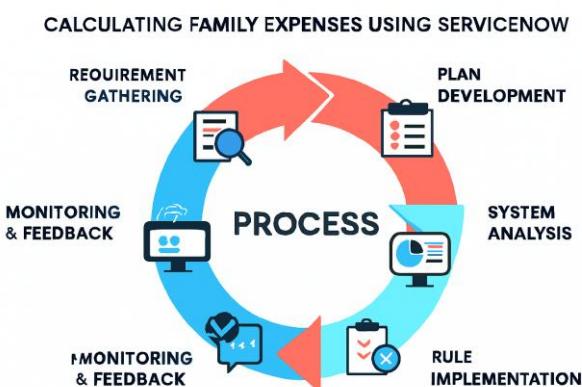
## Problem–Solution Fit

|               |   |
|---------------|---|
| Date          | 28/10/2025                                    |
| Team ID       | NM2025TMID08189                               |
| Project Name  | Calculating family expenses using service now |
| Maximum Marks | 4   |

### Purpose:

- Solve the challenge of fragmented and manual household expense tracking.
- Increase adoption by leveraging familiar digital behaviors like mobile logging and automated alerts.
- Improve communication and transparency among family members regarding financial habits.
- Build trust through secure, role-based access and real-time insights.
- Understand current expense management gaps and streamline them using ServiceNow's low-code platform.

### Template:



## **Summary:**

The project *Calculating Family Expenses using ServiceNow* addresses a common household challenge: managing finances transparently and efficiently. By automating expense logging, categorization, and budget alerts, the solution empowers families to make informed decisions. The use of ServiceNow's App Engine Studio, Flow Designer, and Performance Analytics ensures a scalable and secure system. With future enhancements like bank API integration and mobile access, this project lays the foundation for smarter family budgeting and financial discipline.