IDEATION PHASE

BRAINSTORM & IDEA PRIORITIZATION TEMPLATE

Date	8 NOVEMBER 2025
Team ID	NM2025TMID01558
Project Name	Calculating Family Expenses Using ServiceNow.
Maximum Marks	4 Marks

OVERVIEW :

This guided project demonstrates how to track and calculate family expenses using the ServiceNow platform. The system allows family members to enter their daily spending, and the platform automatically calculates the total amount spent for each day.

A Daily Expenses table is created to store individual entries such as date, amount, and name of the family member. A second table, Family Expenses, stores the consolidated total for each date. A Business Rule is implemented so that whenever a new expense is added or updated in the Daily Expenses table, the total amount for that date is automatically calculated and updated in the Family Expenses table.

This automation removes the need for manual calculation and reduces errors. The project helps families keep a transparent and accurate record of how much they spend every day. It simplifies tracking of daily expenses and supports better financial planning and decision-making.

Step-1: Team Gathering, Collaboration and Select the Problem Statement:

The team discussed real-life challenges faced in households while managing daily expenses. Common problems identified:

- Manual calculation leads to errors
- No central tracking system

- Difficult to know total spending per day

- No combined view of expenses from all family members

To solve this, the team selected the problem statement:

"Automating daily family expense tracking using ServiceNow."

Step-2: Brainstorm, Idea Listing and Grouping:

A brainstorming session was conducted to explore different ideas.
Team members contributed ideas such as:

- Creating a table for daily expense entries

- Another table for total amount spent in a day

- Allowing each family member to enter their expenses

- Automatically updating total for each day

- Showing list of all daily entries inside the total table

- Displaying total amount without manual calculation

The collected ideas were then grouped into categories such as Automation, Visualization, User Experience (UX), and Budget Insights. This structured approach helped the team organize creative inputs and identify practical, high-impact solutions to make the system user-friendly and intelligent.

Step-3: Idea Prioritization:

The team evaluated all ideas based on impact and implementation effort. High-impact, low-effort ideas such as expense categorization, automated total calculation, and visual reports were prioritized for the initial version. Advanced features like predictive spending alerts, budget suggestions, and AI-based financial analysis were planned for future enhancements. This prioritization ensured that the project focused first on core financial tracking features before introducing advanced analytics.