

Ideation Phase

Brainstorm and ideaPrioritization

Template

Date	02/11/2025
Team ID	NM2025TMID05455
Project Name	Calculating Family Expenses using ServiceNow
Maximum Mark	4 Marks

Calculating Family Expenses using ServiceNow Template:

This guided project demonstrates how to manage and calculate family expenses efficiently using the ServiceNow platform. The project involves creating a customized expense management module where users can record, categorize, and analyze their household expenses.

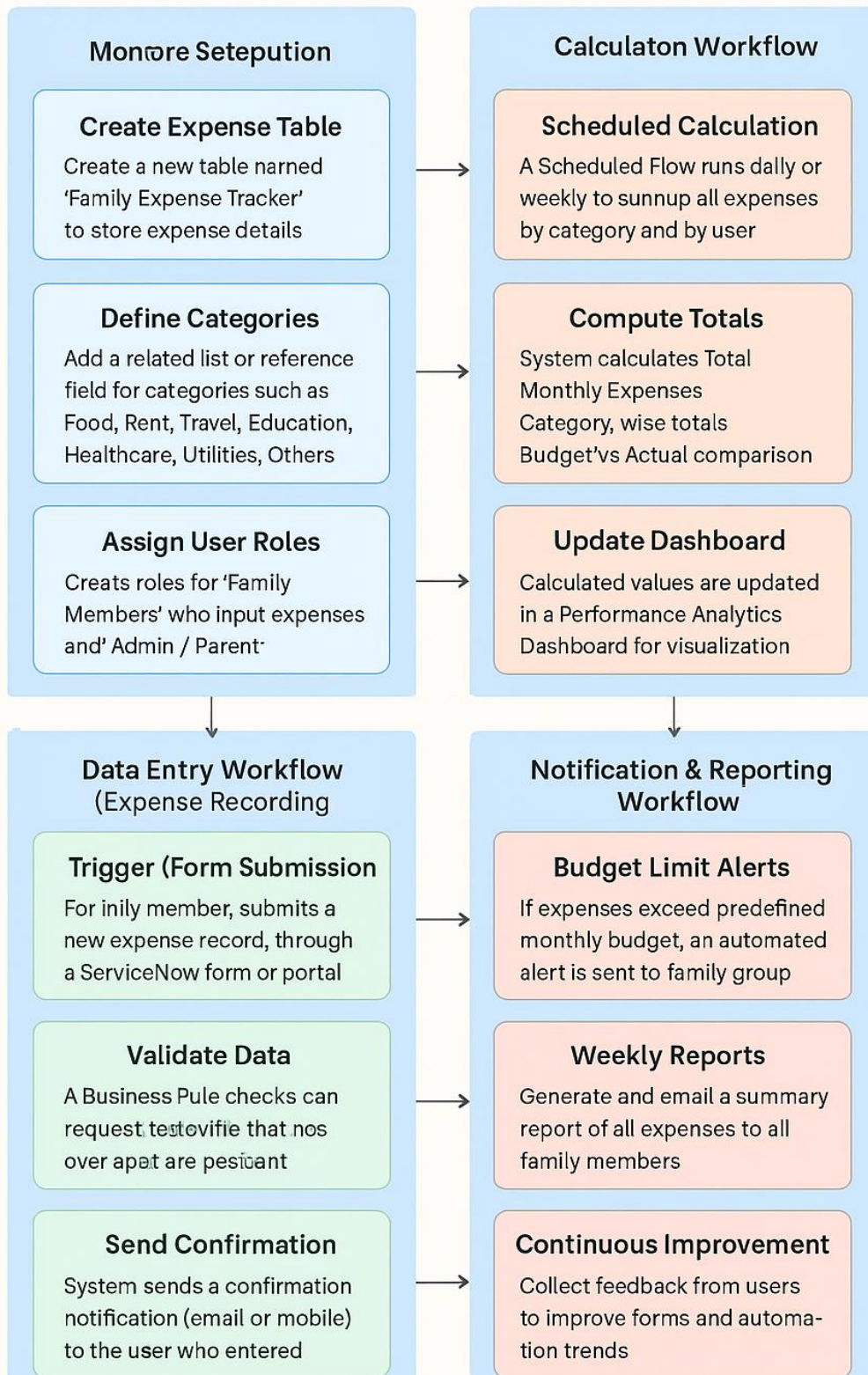
The workflow begins by designing tables for expense categories such as food, transport, utilities, education, and healthcare. ServiceNow forms and UI policies are configured to ensure accurate data entry. Business rules are applied to automatically calculate totals, monthly averages, and generate visual reports.

The process also includes testing scenarios where family members add expenses through the portal, and the system automatically updates cumulative totals. Dashboards and reports are then created to visualize spending patterns and identify areas for savings.

This project helps families track and optimize their monthly budget while using automation to simplify financial management.

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

Calculating Family Expenses using ServiceNow



Step-2: Brainstorm, Idea Listing and Grouping:

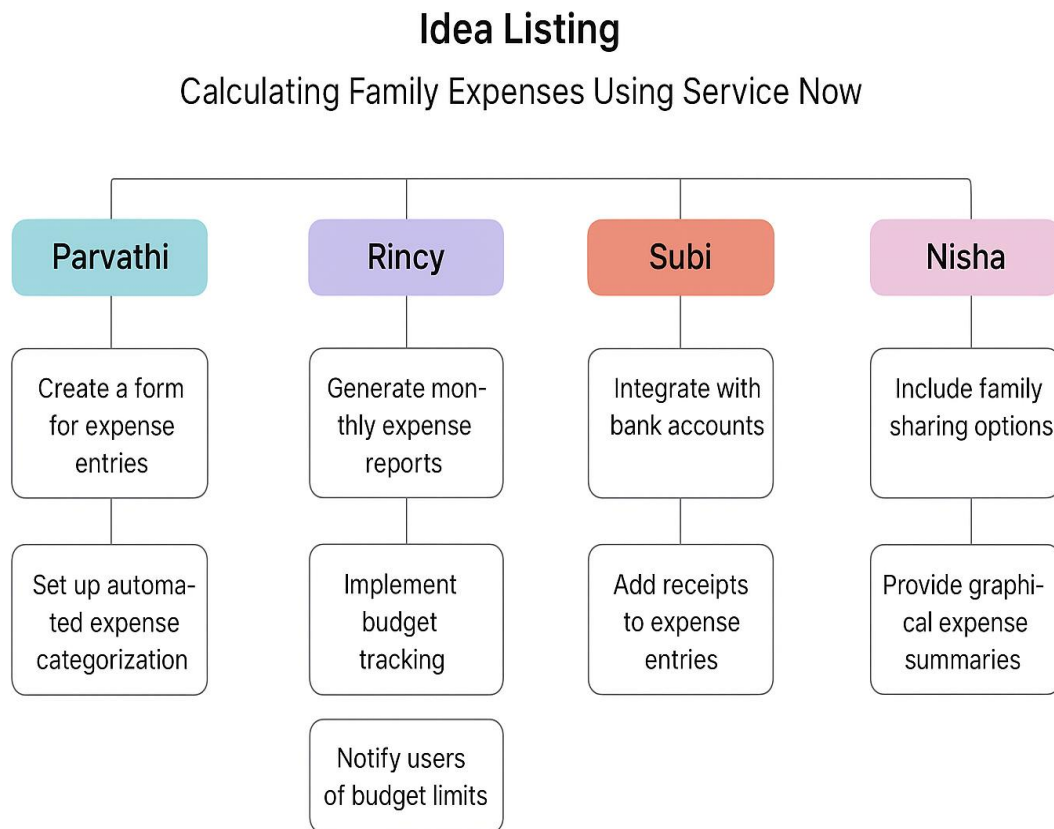


Fig2: Image that describes the work done by teammates.

Brainstorm:

Team members discussed creative ways to use ServiceNow for tracking and managing family expenses.

IdeaListing:

All ideas were listed, including creating expense forms, automating totals, and generating reports.

Grouping:

Similar ideas were grouped into key modules—data entry, calculation, visualization, and alerts.

ActionPlanning:

Selected ideas were assigned to members for implementation, testing, and dashboard creation.

Step-3: Idea Prioritization:

Idea Prioritization

“Calculating Family Expenses using ServiceNow.”

The flowchart represents the process of prioritizing ideas for the project. The project aims to create a smart and efficient system for managing household expenses through automation and reporting features.

It begins with the development of a comprehensive expense calculation system within ServiceNow, designed to help users track and manage family expenses efficiently. The workflow emphasizes core features such as expense categorization, budget setting, real-time tracking, and detailed reporting.

Further, the design focuses on ensuring seamless integration, scalability, and a user-friendly interface to suit different family needs.

Ultimately, this idea prioritization helps the team focus on features that empower users to make informed financial decisions and promote better financial planning within families.

Idea Prioritization

- Develop a comprehensive expense calculation system using ServiceNow

```
graph TD; A[Develop a comprehensive expense calculation system using ServiceNow] --> B[Track and manage family expenses efficiently]; B --> C[Expense categorization, budget setting, real-time tracking, and reporting]; C --> D[Seamless integration, user-friendly interface, and scalability]; D --> E[Empower users with the tools to make informed financial decisions];
```

Track and manage family expenses efficiently

Expense categorization, budget setting, real-time tracking, and reporting

Seamless integration, user-friendly interface, and scalability

Empower users with the tools to make informed financial decisions