

Team Information

Project Title: Calculating Family Expenses Using ServiceNow

Team ID: LTVIP2026TMIDS35882

College Name: ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES,
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Technology Stack (Architecture & Stack)

Project: Calculating Family Expenses Using ServiceNow

This document outlines the architecture and technology stack used in developing the family expense tracking application on the ServiceNow platform.

System Architecture

| Component | Description |
|---------------|-------------------------------------------------------------------------------|
| Frontend (UI) | ServiceNow Portal with customized forms for data entry and report views. |
| Backend | Business Rules, Workflows, and Script Includes to process and validate logic. |
| | |
| Database | ServiceNow tables for storing expenses, categories, users, and limits. |
| Notifications | ServiceNow Notifications module for sending alerts and reminders. |
| Analytics | Performance Analytics for dashboards, charts, and KPIs. |

Technology Stack

| Technology | Purpose |
|-----------------------|---------------------------------------------------------------------|
| ServiceNow | Main platform for app development, hosting, and user management. |
| JavaScript | Used for scripting business rules, UI policies, and client scripts. |
| HTML/CSS | Custom styling and layout for forms and portals. |
| Glide Record | API for database interactions within ServiceNow. |
| REST API | Integration with external systems or for mobile accessibility. |
| Performance Analytics | Visualization and data reporting module in ServiceNow. |