

Team Information

Project Title: Calculating Family Expenses Using ServiceNow

Team ID: LTVIP2025TMID29665

College Name: SRINIVASA RAMANUJAN INSTITUTE OF TECHNOLOGY (SRIT),
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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.
GlideRecord	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.