

Project Design Phase-II
Technologies Stack (Architecture & Stack)

Date	01 NOV 2025
Team ID	NM2025TMID03653
Project Name	Calculating Family Expenses using Servicenow
Maximum Marks	4

Technical Architecture Diagram

**ServiceNOW Family Expense Tracking Application -
Technical Architecture**

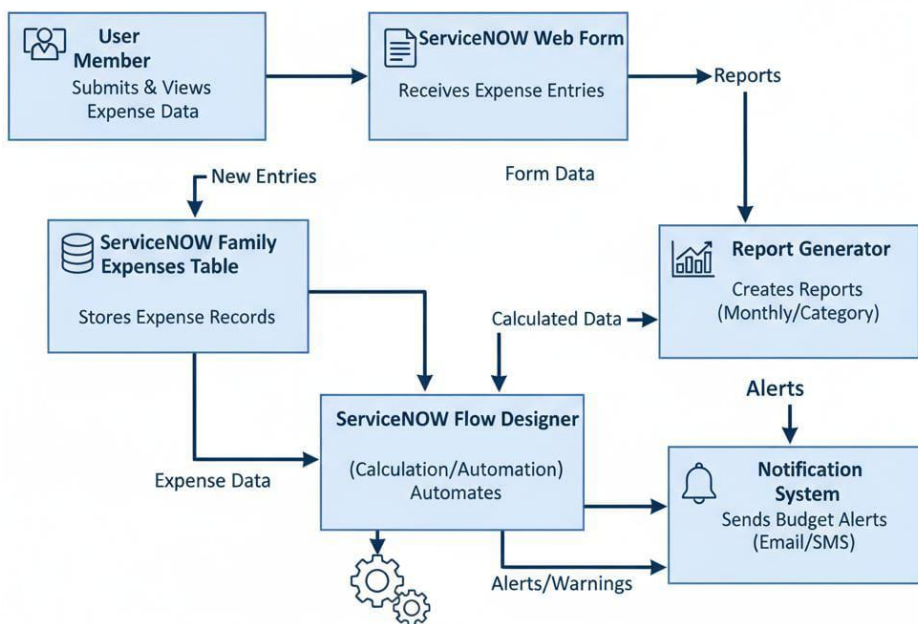


Table 1: Components & Technologies

S.No	Component/Technology	Description	Technology/Tool Used
1	Application Platform	Main platform for automation, workflow, and tables	ServiceNow
2	Database/Table	Storing expense records and user information	ServiceNow Tables
3	Automation	Expense calculations, alerts, and workflow automation	ServiceNow Flow Designer
4	Reporting & Analytics	Visualize data, generate monthly/category reports	ServiceNow Reporting & Dashboards

5	Scripting (Optional)	Custom business logic and validations	JavaScript (Business Rules/Script Includes)
6	Documentation	Project documents and reports	Microsoft Word, PDF
7	Version Control	Sharing and versioning of team documents	Git, GitHub

Table 2: Application/Subsystems/Modules

S.No	Module/Subsystem	Description	Technology/Tool
1	Expense Entry	UI for users to add/edit their expenses	ServiceNow Web Form
2	Expense Management	Store, process, and update expense records	ServiceNow Table, Flow Designer
3	Report & Notification	Create downloadable reports and send alerts for budget limit	ServiceNow Reporting, Notifications