# Project Design Phase

## Solution Architecture

| Date | 28/10/2025 |
|---|---|
| Team ID | NM2025TMID03933 |
| Project name | Calculating family expenses using service now |
| Maximum marks | 4 marks |

## Solution Architecture:

### Goals of the Architecture

• Automate family expense calculation and tracking.

• Centralize all expense data in one secure platform.

• Provide an easy-to-use and intuitive user interface.

• Deliver real-time expense insights through dashboards and reports.

• Ensure scalability for future integrations and enhancements.

• Main Requirement Analysis Phase-in data security, privacy, and compliance.

• Allow customization to fit different family needs.

## Key Components:

• User Interface (UI): Forms and dashboards for users to input and view family expenses.

• Core environment managing workflows, automation, and data processing.

• Stores expense records, categories, and user profiles securely.

## Development Phases:

• Requirement Analysis Phase

• Development Phase

• Integration Phase

• Maintenance & Support Phase

**Solution Architecture Description:**

The Solution Architecture for Calculating Family Expenses using ServiceNow is designed to provide an automated, centralized, and user-friendly platform for managing household financial data. It leverages the ServiceNow platform to streamline expense tracking, categorization, and analysis through integrated workflows and automation.

**Example – Solution Architecture Diagram:**