

CALCULATING FAMILY EXPENSES USING SERVICE NOW

Team ID: NM2025TMID06586

Team Members: 4

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Problem Statement:

Managing family expenses is a recurring challenge for households, as expenses often come from multiple categories such as groceries, utilities, rent, education, healthcare, and entertainment. Traditional manual methods like maintaining notebooks or spreadsheets can be time-consuming, error-prone, and lack real-time insights. This makes it difficult to make informed financial decisions, set budgets, and plan for future needs.

Objective:

The project aims to develop a comprehensive expense calculation system using ServiceNow. This system will enable users to track and manage family expenses efficiently. It will include features such as expense categorization, budget setting, real-time tracking, and reporting capabilities. Utilizing ServiceNow's robust platform, the project will ensure seamless integration, user-friendly interface, and scalability to accommodate varying family sizes and financial complexities. The end goal is to empower users with the tools they need to make informed financial decisions and promote financial well-being within the family unit.

Skills :

IOT Open Hardware platforms, Data Structures.

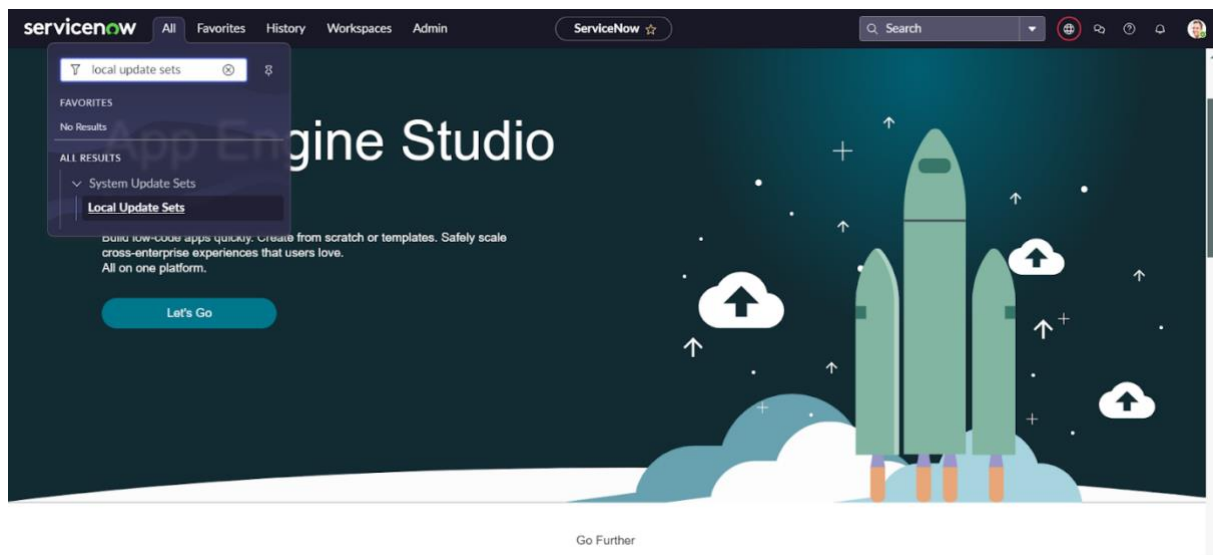
Activitives:

Setting up Service Now Instance

1. Sign up for a developer account on the ServiceNow Developer site "https://developer.servicenow.com".
2. Once logged in, navigate to the "Personal Developer Instance" section.
3. Click on "Request Instance" to create a new ServiceNow instance.
4. Fill out the required information and submit the request.
5. You'll receive an email with the instance details once it's ready.
6. Log in to your ServiceNow instance using the provided credentials.
7. Now you will navigate to the ServiceNow.

Creation of New Update Set

1. Go to All >> In the filter search for Local Update set > click on New.



2. Enter the Details as:
Name: Family Expenses
3. Then click on Submit and Make current.

ServiceNow interface showing the 'Update Set - Create New Update Set' form. The left sidebar shows the navigation menu with 'All' and 'Local' highlighted. The main form has fields for Name (Family Expenses), State (In progress), Parent, Release date, and Description. The 'Submit and Make Current' button is highlighted.

Creation of Table:

Creation of Family Expenses Table

1. Go to All > In the filter search for Tables > click on New.
2. Enter the Details:

Label: Family Expenses

Name: Auto-Populated

New menu name : Family Expenditure

Table configuration details:

- Label: Family Expenses
- Name: u_st_family_expenses
- Application: Global
- Remote Table: ☒
- Create module: ☒
- Create mobile module: ☒
- Add module to menu: -- Create new --
- New menu name: Family Expenditure

Table Columns configuration:

Column label	Type	Reference	Max length	Default value	Display
Number	String				false
Date	Date				false
Amount	Integer				false

3. Go to the Header and right click there>> click on Save.