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Department of  
**COMPUTER SCIENCE AND ENGINEERING**

Accompanied with  
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ADMINISTRATION**

Completed the project named as  
**CALCULATING FAMILY EXPENSES  
USING SERVICE NOW**

# CALCULATING FAMILY EXPENSES USING SERVICE NOW

Team ID: NM2025TMID06586

Team Members: 4

Team Leader : Praveen R

Team member: Sanjay S

Team member: Kaushik K

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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.

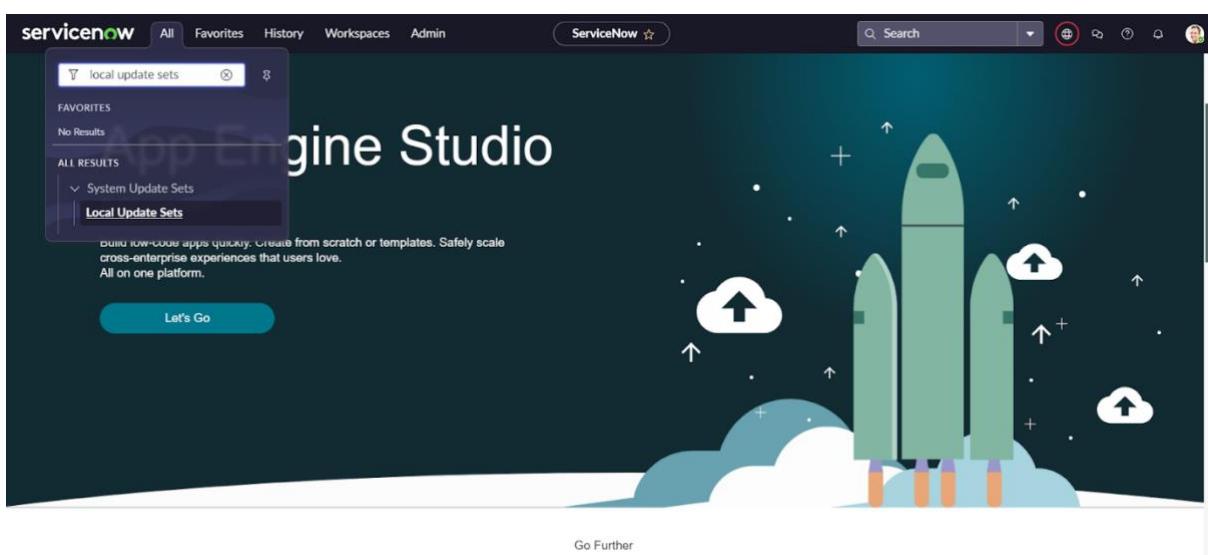
## Activitives:

### 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.

The screenshot shows the ServiceNow interface for creating a new update set. The left sidebar has a 'local' filter selected. The main area shows the 'Update Set - Create New Update Set' screen with the following details:

- Name:** Family Expenses (highlighted with a red box and arrow 4)
- State:** In progress
- Parent:** (empty)
- Release date:** (empty)
- Description:** (empty)

At the bottom, there are two buttons: 'Submit' and 'Submit and Make Current' (highlighted with a red box and arrow 5).

## 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

The screenshot shows the 'Table Definition' screen for creating a new table named 'Family Expenses'.

**Table Definition Fields:**

- Label:** Family Expenses (highlighted with a red box and arrow 1)
- Name:** u\_st\_family\_expenses (highlighted with a red box and arrow 2)

**Module Options:**

- Application: Global
- Remote Table:
- Create module:
- Create mobile module:
- Add module to menu: -- Create new --
- New menu name: Family Expenditure (highlighted with a red box and arrow 3)

**Table Columns:**

Column	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.