CALCULATING FAMILY EXPENSE USING SERVICENOW

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INTRODUCTION:

This project uses ServiceNow to calculate and manage family expenses.

➢ It allows users to track daily spending, categorize expenses, set budgets, and view reports in real-time. With features like seamless integration, user-friendly interface, and scalability, it supports families of different sizes and financial needs.

➢ The system helps users make informed financial decisions, stay organized, and improve overall financial well-being within the family.
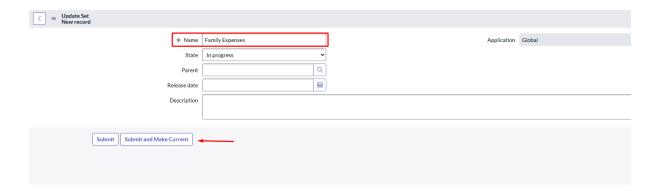
SETTING UP SERVICENOW INSTANCE:

✓ The "Setting Up ServiceNow Instance" module guides users to create their own ServiceNow developer instance.

✓ It involves signing up on the ServiceNow Developer site, requesting a personal instance, filling details, and receiving login credentials via email.

✓ Once logged in, users can access and navigate ServiceNow For further project development

CREATION OF NEW UPDATE SET:

❖ The "Creation of New Update Set" module helps track and manage changes in ServiceNow.

❖ By creating an update set named Family Expenses, users can save customizations, submit, and make it current for project development.
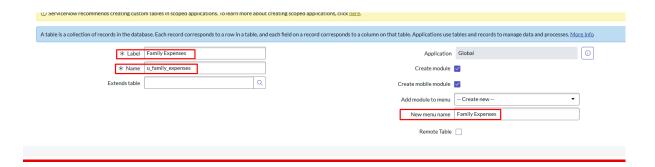

CREATION OF TABLE

CREATION OF FAMILY EXPENSES TABLE:

● The "Creation of Family Expenses Table" module works by creating a new table in ServiceNow named Family Expenses.

- It stores expense records systematically, enabling users to organize, manage, and track family financial data efficiently for better analysis.

CREATION OF COLUMNS (FIELDS):

- The "Creation of Columns (Fields)" module works by adding specific fields like Number, Date, Amount, and Expense Details to the Family Expenses table.

- These fields store structured data, making it easy to record, categorize, and analyze expenses, helping families monitor financial activities effectively.

MAKING NUMBER FIELD AN AUTO-NUMBER:

✓ The "Making Number Field an Auto-Number" module works by automatically generating unique IDs for each expense record.

✓ It ensures systematic tracking, prevents duplicates, and simplifies identifying entries, making data management and referencing in the Family Expenses table efficient.

CONFIGURE THE FORM:

✦ The "Configure the Form" module works by customizing the Family Expenses form layout in ServiceNow.

✦ It lets you drag and drop fields, set Number as read-only, and make Date and Amount mandatory.

This ensures proper data entry, validation, and structured record management.

Family Expenses [u_auto_populated]			2 Column ✓
Number		Date	
		Amount	

			1 Column ✓
Expense Details			

CREATION OF TABLE (DAILY EXPENSES)

CREATION OF DAILY EXPENSES TABLE:

- The "Creation of Daily Expenses Table" module works by building a separate table to record day-to-day spending details.

- It is linked to the Family Expenses module for better tracking. Users can input daily expense records, save them, and analyze spending patterns, helping in organized financial management.

CREATION OF COLUMNS (FIELDS):

❖ This module works by creating and managing tables in ServiceNow. You add columns for details like number, date, expenses, family member name, and comments.

❖ Each column is assigned a type (string, date, integer, reference).

❖ It is used to organize, store, and track daily expenses systematically for easy reporting and analysis.

MAKING NUMBER FIELD AN AUTO-NUMBER:

o An auto-number field in a database automatically assigns a unique number to each record.
o It's used for creating unique identifiers like IDs.

o Steps include setting the field to auto-number via advanced view, using "Get Next Displayed value" for dynamic default.

CONFIGURE THE FORM:

➤ An auto-number field assigns unique IDs. To use it: configure form, set field to auto-number, and save.

➤ It works by automatically generating sequential numbers for each record, ensuring unique identifiers for data management and organization purposes efficiently.
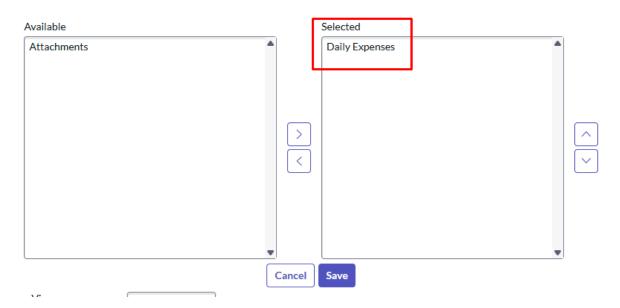
CREATION OF RELATIONSHIP

CREATION OF RELATIONSHIP BETWEEN FAMILY EXPENSES AND DAILY EXPENSES TABLES:

➢ Creates a relationship between "Family Expenses" and "Daily Expenses" tables.

➢ Use by opening Relationships, clicking New, entering details (tables: Family Expenses & Daily Expenses), and saving.

➢ Links tables for data management and analysis of expenses across both tables efficiently.
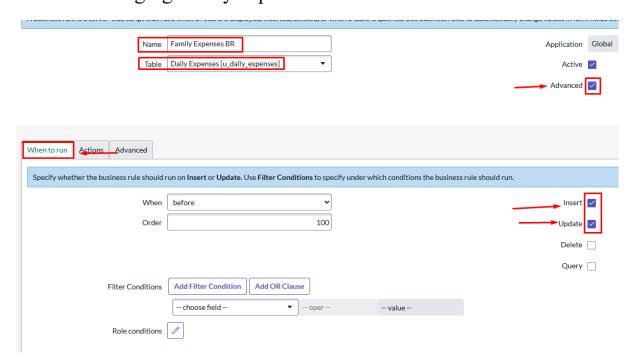
CONFIGURING RELATED LIST ON FAMILY EXPENSES:

➔ Creates a relationship between tables. Use by opening Relationships, clicking New, selecting tables (e.g., Family Expenses & Daily Expenses), and saving.

➔ Links tables for data management and analysis of expenses across both tables efficiently and effectively now.

CREATION OF BUSINESS RULES:

- Creates business rules linking "Family Expenses" DB to "Daily Expenses" table. Use to manage data relations, insert, and update operations efficiently.

- Executes rule on current record in Family Expenses, adds query, iterates, updates amount, expense details, comments in code snippet.

- This appears to be a project management or coding interface. It uses guided projects, workspaces, and coding for tasks like managing family expenses.

CONFIGURE THE RELATIONSHIP:

- ➤ Configures relationships in Daily Expenses app. Uses filter search for Relationships, sets Family Expenses table, writes query for parent linkage.

CONCLUSION:

- The "Calculating Family Expenses" project in ServiceNow successfully streamlined expense tracking and management.

- By leveraging ServiceNow's features, it automated calculations, improved data accuracy, and enhanced family financial planning.

- The project demonstrated effective use of technology for practical financial management, yielding efficient and organized expense tracking.

- With automated workflows and real-time updates, family members can easily monitor expenses, make informed decisions, and maintain financial discipline.

- This project showcases ServiceNow's versatility beyond enterprise IT, applying its capabilities to personal finance management for improved efficiency and control.

- Overall, it was a resounding success.

THANKING YOU