Calculating Family Expenses Using ServiceNow...

Category: ServiceNow

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Project Overview

The goal of this guided project was to develop a simple application in ServiceNow to help track and manage daily family expenses. It includes custom tables, form configurations, and a relationship between family members and their associated expenses. This project was done as part of the SmartInternz platform in collaboration with ServiceNow.

Tools & Platform Used

- ServiceNow Personal Developer Instance (PDI)
- Update Sets for versioning
- Tables, Forms, and Relationships
- Business Rules (optional)
- SmartInternz Guided Dashboard

Features Implemented

- Custom application: *Family Expenses*
- Created a custom table for *Family* Expenses
- Created a custom table for *Daily Expenses*

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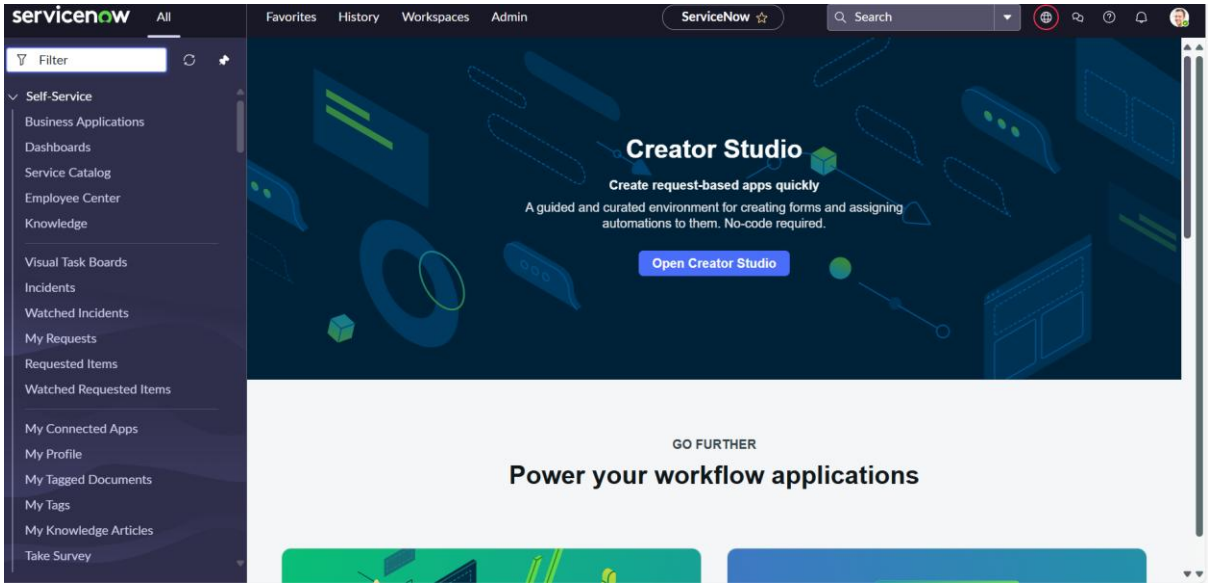
- Configured a one-to-many relationship between Family Members and Expenses
- Captured all changes in an Update Set
- Exported .xml file for submission

Design & **Implementation**:

1. Setting up service now instance:



2.Creation of New Update Set

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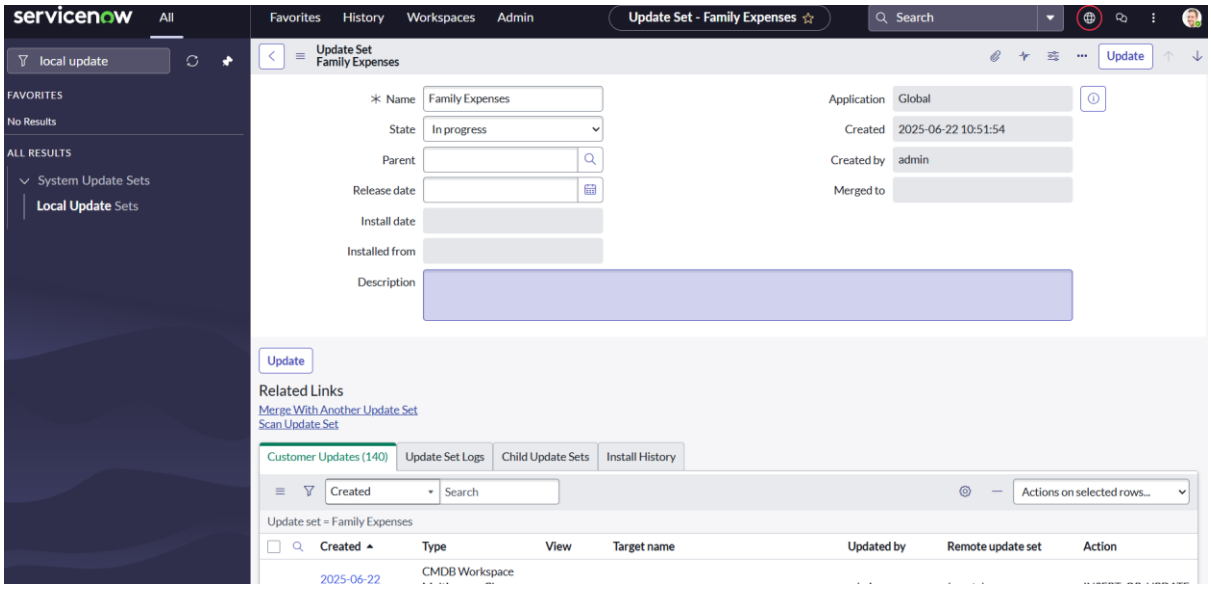
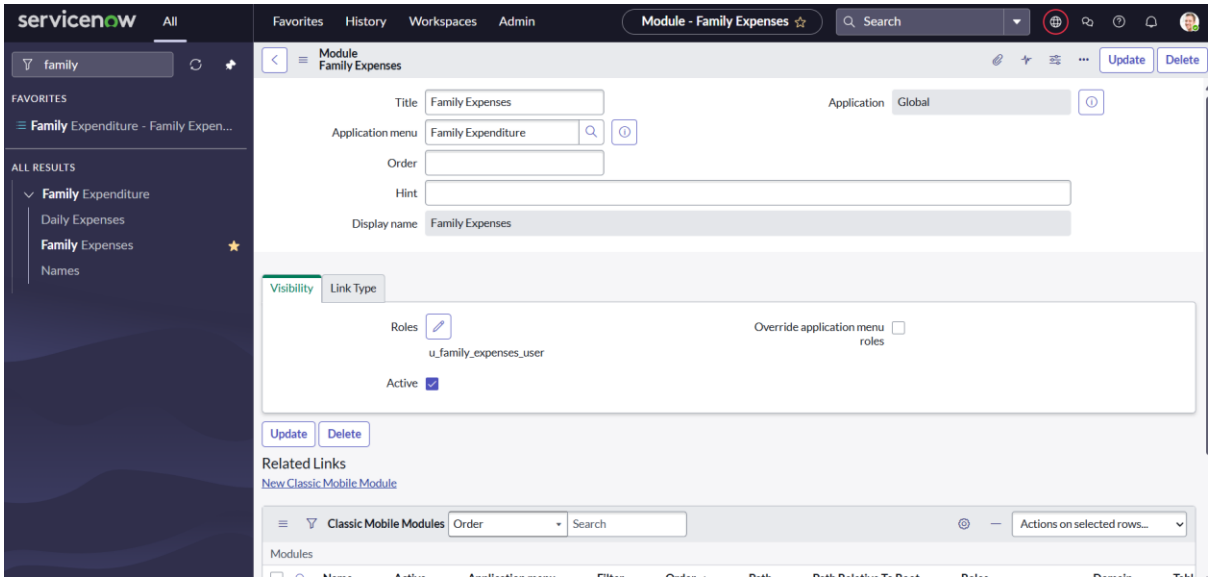


Tables Creation:

Table 1: Family Expenses Table

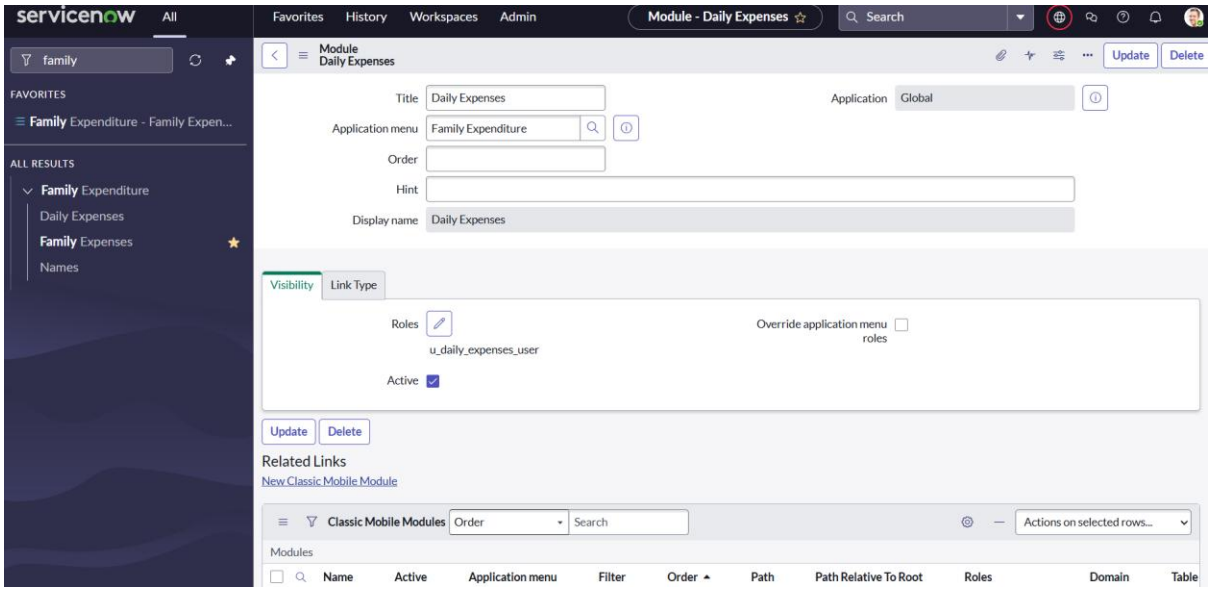
- Fields:
  - Number
  - Date
  - Amount
  - Expenses Details



Calculating Family Expenses Using ServiceNow...

Table 2: Daily Expenses

- Date
- Number
- Expenses Type
- Comments
- Family Member Name



3. **Relationship:**

- One-to-Many: One family member can have multiple expenses
- Implemented using Reference fields and Related Lists

4. **Creation Of Business Rules:**

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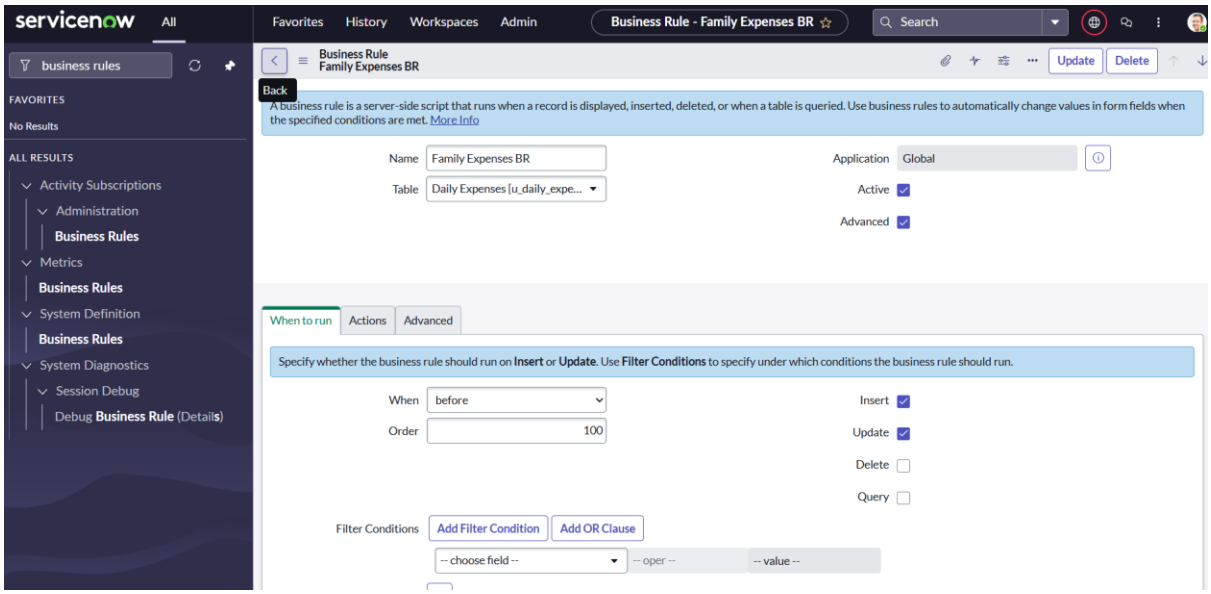
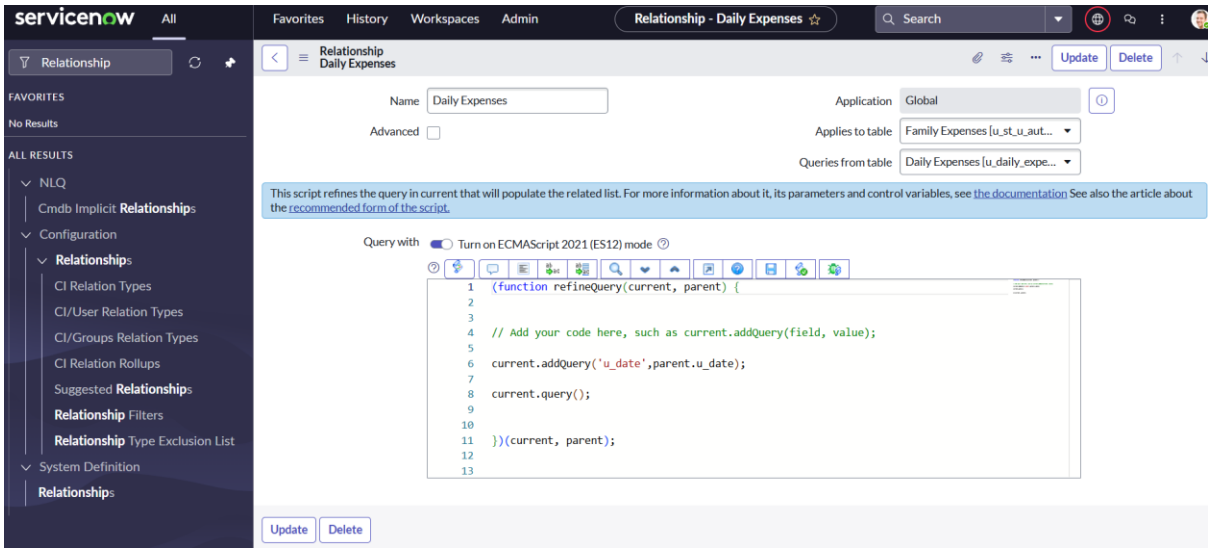


5. Configure The Relationship:



6. Conclusion

This project helped implement ServiceNow fundamentals such as custom application creation, table design, form layout, relationships, and update set tracking. It simulates a

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real-world scenario of tracking family expenses and demonstrates the power of low-code/no-code platforms like ServiceNow.