CALCULATING FAMILY EXPENSES USING SERVICENOW

PROJECT NAME	**CALCULATING FAMILY EXPENSES USING SERVICENOW**
FACULTY MENTOR(S) NAME	**ANJI BABU SIR**

ServiceNow Business Rules Script

Source Code :

```
var FamilyExpenses = new GlideRecord('u_family_expenses');
        FamilyExpenses.addQuery('u_date',current.u_date);
        FamilyExpenses.query();
        if(FamilyExpenses.next())
        {
                FamilyExpenses.u_amount += current.u_expense;
                FamilyExpenses.u_expense_details +=
">"+current.u_comments+":"+"Rs."+current.u_expense+"/-";
                FamilyExpenses.update();
        }
        else
        {
                var NewFamilyExpenses = new GlideRecord('u_family_expenses');
                NewFamilyExpenses.u_date = current.u_date;
                NewFamilyExpenses.u_amount = current.u_expense;
                NewFamilyExpenses.u_expense_details +=
">"+current.u_comments+":"+"Rs."+current.u_expense+"/-";
                NewFamilyExpenses.insert();
```

}

Explanation Of The Code :

This Script does the following

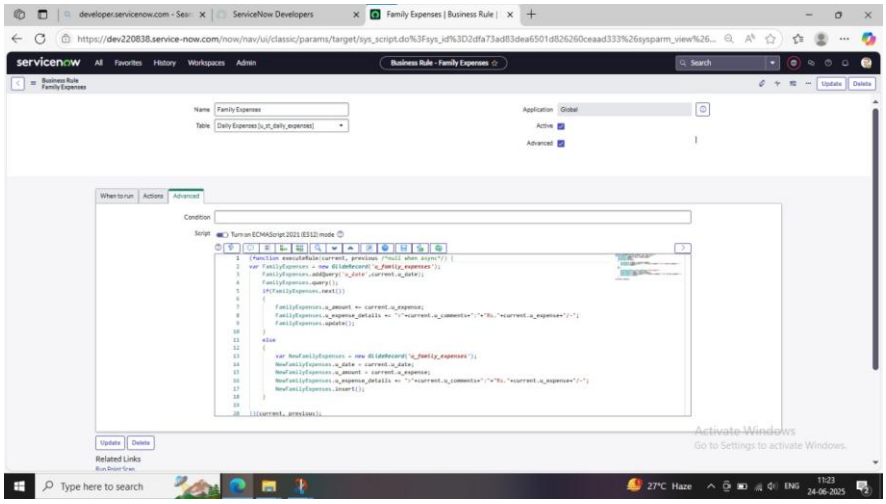
- **Checks if a family expense record of the current date(current.u_date) already exists.**
- **If it exists :**
- **Add the new expense(current.u_expense) to. total(u_amount).**
- **Appends the expense detail with comments.**
- **If it doesn't exists :**
- **Create a new record with the date,amount and comments.**

Example of How the Expense Details Look After Update :

If your current.u_comments = “Grocery” and current.u_expense = 500, then:

- **u_expense_details = >Grocery:Rs.500/-**

Creation Of Business Rules :



ServiceNow GlideQuery Refinement Function(Configure The Relationship)Script

Source Code :

```
(function refineQuery(current, parent) {
  current.addQuery('u_date', parent.u_date);
  current.query();
})(current, parent);
```

Explanation Of The Code :

This Script does the following

- **(current) refers to the record you're currently working on.**
- **(parent) refers to the record that is calling this Script.**
- **(addQuery('u_date',parent.u_date)) tells the system:**

Ony gets Record where (u_date) is equal to the parent's (u_date).

Example of How the Script Works :

Parent Record(event):

- **u_name : “Annual Day”**
- **u_date : “2025-06-21**

Child Table(u_participant) :

| u_name | u_date | u_event |

|----------|----------|----------|

| John | 2025-06-29 | Annual Day |

| Mary | 2025-06-29 | Annual Day |

| Alice | 2025-06-26 | Sports Day |

When the Script Runs:

current.addQuery('u_date', parent.u_date);

It becomes:

current.addQuery('u_date', '2025-06-21');

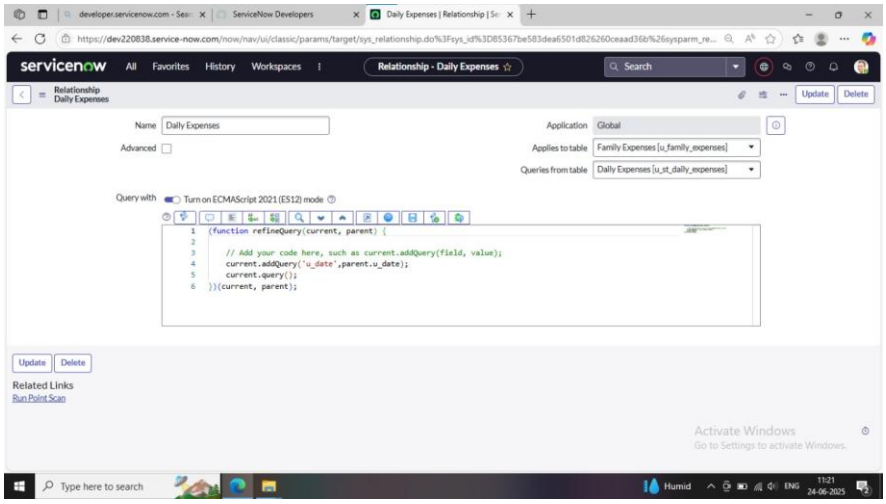
So it only fetches participants with matching u_date, i.e,John and Mary

- **These two records will be returned**

John(2025-06-21)

Mary(2025-06-21)

Configure The Relationship :


servicenow
All
Favorites
History
Workspaces
Relationship - Daily Expenses
Search
Relationship
Daily Expenses
Update
Delete
Name
Daily Expenses
Advanced
Application
Global
Applies to table
Family Expenses [u_family_expenses]
Queries from table
Daily Expenses [u_st_daily_expenses]
Query with
Turn on ECMAScript 2021 (ES12) mode
(function refineQuery(current, parent) {
// Add your code here, such as current.addQuery(field, value);
current.addQuery('u_date',parent.u_date);
current.query();
})(current, parent);
Update
Delete
Related Links
Run Point Scan
Activate Windows
Go to Settings to activate Windows.
Type here to search
Humid
ENG
11:21
24-06-2025