

**servicenow**®



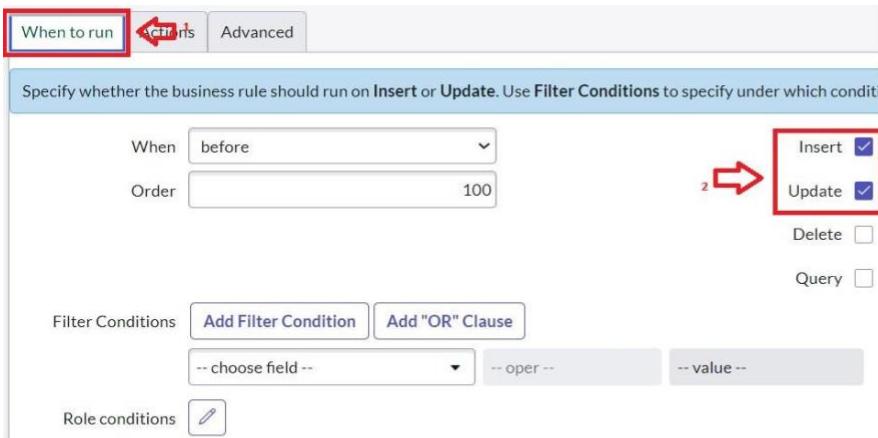
**UNIVERSITY COLLEGE OF ENGINEERING – PATTUKKOTTAI  
RAJAMADAM – 614701**

(A CONSTITUENT COLLEGE OF ANNA UNIVERSITY, CHENNAI)

Department of  
**COMPUTER SCIENCE AND ENGINEERING**

Accompanied with  
**NAAN MUDHALVAN AND SERVICENOW  
ADMINISTRATION**

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



5. In Advance (we write the code): Write the below code >>

```

(function executeRule(current, previous /*null when async*/) {
    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();
    }
}

```

})(current, previous);

Script



```
1 (function executeRule(current, previous /*null when async*/) {
2
3     var FamilyExpenses = new GlideRecord('u_family_expenses');
4     FamilyExpenses.addQuery('u_date',current.u_date);
5     FamilyExpenses.query();
6     if(FamilyExpenses.next())
7     {
8         FamilyExpenses.u_amount += current.u_expense;
9         FamilyExpenses.u_expense_details += ">" + current.u_comments + ":" + "Rs." + current.u_expense + "/-";
10        FamilyExpenses.update();
11    }
12    else
13    {
14        var NewFamilyExpenses = new GlideRecord('u_family_expenses');
15        NewFamilyExpenses.u_date = current.u_date;
16        NewFamilyExpenses.u_amount = current.u_expense;
17        NewFamilyExpenses.u_expense_details += ">" + current.u_comments + ":" + "Rs." + current.u_expense + "/-";
18        NewFamilyExpenses.insert();
19    }
20
21 })(current, previous);
```

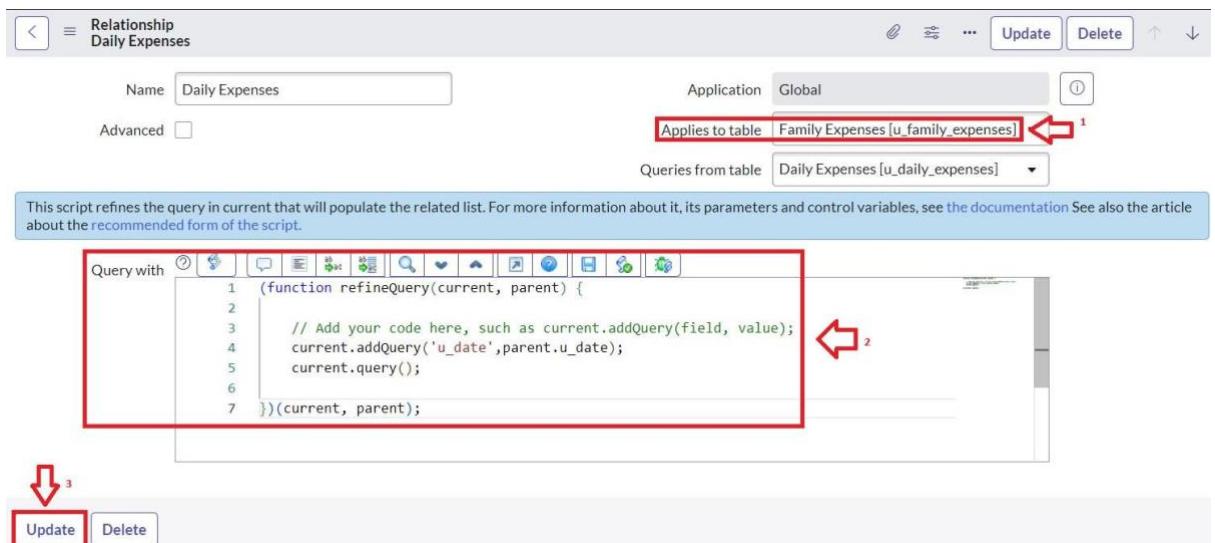
6. Go to the Header and right click there>> click on Save

# Configure the Relationship

1. Go to All >> In the filter search for Relationships >> Open Relationships.
  2. In that, open Daily Expenses Relationship.
  3. For Applies to table : Select Family Expenses.
  4. In Query with : write the below Query.

```
(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);
```

- ## 5. Click on Update.



## Conclusion:

Implementing a **Family Expenses Tracking System** using **ServiceNow** demonstrates the flexibility and power of the platform beyond its traditional ITSM use cases. By leveraging ServiceNow's capabilities—such as custom applications, form design, workflow automation, and reporting—you can create a structured and userfriendly solution to manage and monitor household spending.