

Performance and Testing

Date	02 NOV 2025
Team ID	NM2025TMID03531
Project Name	Calculating Family Expenses using Service Now
Maximum Marks	4 Marks

Model Performance Testing

Family expense creation:

The screenshot shows a ServiceNow interface for creating a new family expense record. The top navigation bar includes 'servicenow', 'All', 'Favorites', 'History', and a search bar. The main title is 'Family Expenses - Create MFE0001...'. The form fields are as follows:

- Number: MFE0001007
- * Date: 2025-11-02
- Expense Details: Vegetables and Fruits
- * Amount: 2,000

At the bottom left is a 'Submit' button, and on the right side are various configuration icons.

Number	Amount	Date	Expense Details
MFE0001004	1,000	2025-10-31	Milk(month)
MFE0001007	2,000	2025-11-02	Vegetables and Fruits

Parameter	Values
Model Summary	Creates a new user in the ServiceNow system ensuring family Expenditure
Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected behavior.
Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.

Parameter	Values
Model Summary	Creates a new user in the ServiceNow system ensuring Daily Expense

**Daily
expens
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creatio
n:**

Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected behavior.
Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.

servicenow All Favorites History : Daily Expenses - Create DFE0001003 ☆ Search :

< Daily Expenses New record

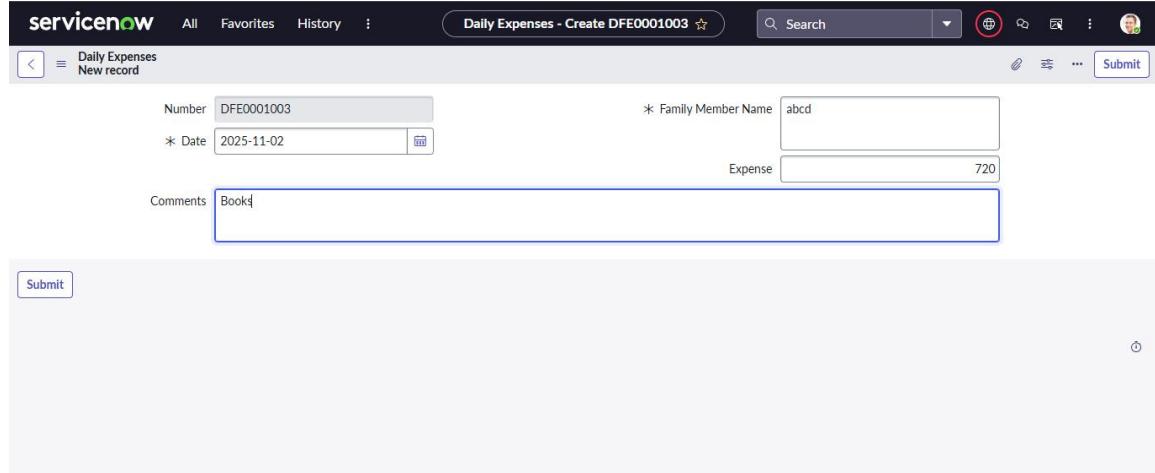
Number: DFE0001003 * Family Member Name: abcd

* Date: 2025-11-02 Expense: 720

Comments: Books

Submit

⊕



Business Rule Creation :

The screenshot shows the 'Business Rule - Family Expenses BR' creation interface. At the top, there's a navigation bar with 'All', 'Favorites', 'History', and a search bar. Below the title, there's a toolbar with various icons. The main area is a code editor containing the following 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      ts+=":"+Rs.+current.u_expense+ "-";
10
11    }
12
13    var NewFamilyExpenses = new GlideRecord('u_family_expenses');
14    NewFamilyExpenses.u_date = current.u_date;
15    NewFamilyExpenses.u_amount = current.u_expense;
16    NewFamilyExpenses.u_expense_details += ">" + current.u_comments + ":" + Rs. + current.u_expense + "-";
17
18    NewFamilyExpenses.insert();
19
20

```

Parameter	Values
Model Summary	Implements a business rule to check and create ,when a daily expense is created for the same date as an existing family expense, the new daily expense amount is added to the existing family expense record instead of creating a new one.
Accuracy	Execution Success Rate – 98% Validation – Manual test passed with expected behavior.
Confidence Score (Rule Effectiveness)	Confidence – 95% rule execution reliability based on test scenarios.

Result:

	Amount	Date	Expense Details
Milk(month)	1,000	2025-10-31	Milk(month)
MFE0001007	2,720	2025-11-02	Vegetables and Fruits > Books:Rs.720/-

1 to 2 of 2

Test Summary:

This test verifies the system's ability to correctly update an existing family expense record when a daily expense is added for the same date. It ensures that the daily expense amount is accumulated into the existing family expense entry rather than generating a duplicate record for the same date.

