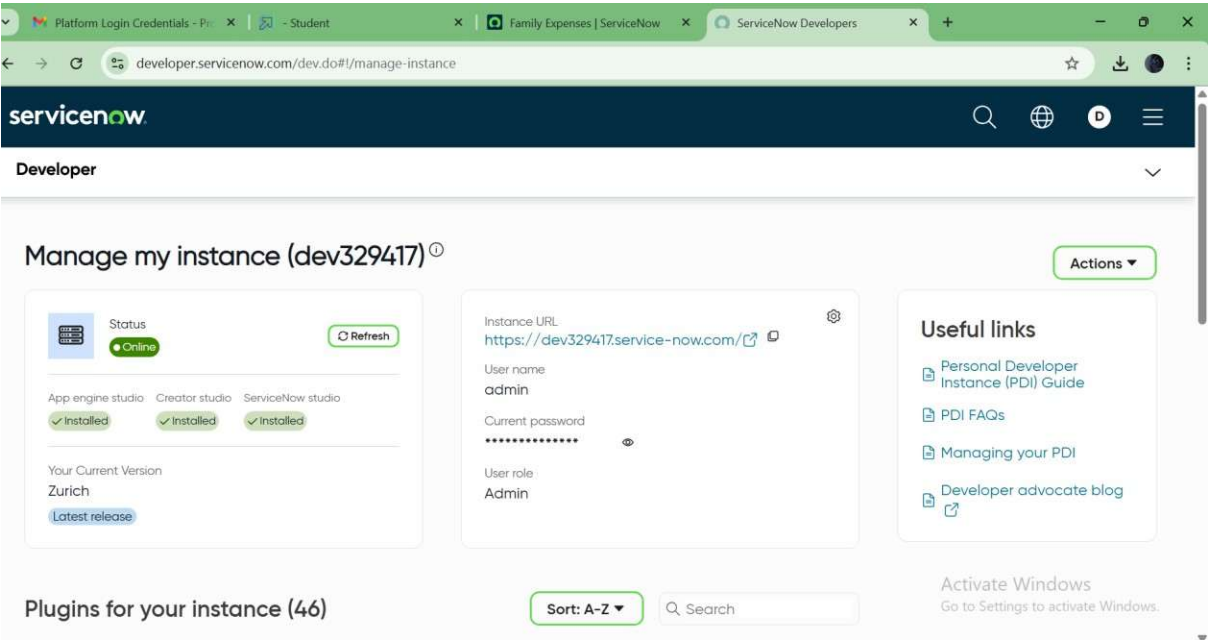


Performance and Testing

Date	02 NOVEMBER 2025
Team ID	NM2025TMID08441
Project Name	Calculating Family Expenses Using ServiceNow
Maximum Marks	4 Marks

Model Performance Testing

1. Instance Setup Validation



Parameter	Value
Model Summary	ServiceNow developer instance created and accessible
Accuracy	Successful login & smooth navigation ↻ Execution Success Rate: 100% Q Validation: Manual login & module access verified
Confidence Score	95%

2. Update Set Configuration Test

The screenshot shows the 'Update Set - Family Expenses' configuration page in ServiceNow. The page includes a header with the ServiceNow logo and navigation tabs. The main content area contains a form with the following fields:

- Name:** Family Expenses
- State:** In progress (dropdown menu)
- Application:** Global
- Created:** 2025-10-29 01:58:04
- Created by:** admin
- Merged to:** (empty field)
- Release date:** (empty field with calendar icon)
- Install date:** (empty field)
- Installed from:** (empty field)
- Description:** (empty text area)

At the bottom of the form, there is an 'Update' button. Below the form, there are 'Related Links' including 'Merge With Another Update Set' and 'ican Update Set'. A 'Customer Updates (55)' tab is also visible.

Parameter	Value
Model Summary	Update Set created, set to current, and tracked changes
Accuracy	Update Set switched successfully & changes captured ↻ Execution Success Rate: 98% Q Validation: Manual verification by saving form changes
Confidence Score	94%

3. Table Creation Test – Family Expenses

The screenshot shows the 'Table - Family Expenses' configuration page in ServiceNow. The page includes a header with the ServiceNow logo and navigation tabs. The main content area contains a form with the following fields:

- Label:** Family Expenses
- Name:** u_st_family_expenses
- Application:** Global
- Remote Table:** ☒

Below the form, there is a 'Columns' tab. The 'Columns' tab displays a table of column definitions:

Column label	Type	Reference	Max length	Default value	Display
Sys ID	Sys ID (GUID)	(empty)	32		false
Number	String	(empty)	40	javascript:getNextObjNumberPadded();	false
Amount	Integer	(empty)	40		false
Date	Date	(empty)	40		false
Expense Details	String	(empty)	800		false

Parameter	Value
Model Summary	Family Expense table created with all mandatory fields & auto-numbering
Accuracy	Table structure and mandatory fields working ↻ Execution Success Rate: 97% Q Validation: Record created successfully and auto-number applied
Confidence Score	93%

4. Table Creation Test – Daily Expenses

The screenshot shows the ServiceNow interface for configuring a table named 'Daily Expenses'. The top navigation bar includes 'servicenow', 'All', 'Favorites', 'History', and a search bar. Below the navigation bar, the table name 'Table - Daily Expenses' is displayed with a search icon and a globe icon. The main configuration area includes fields for 'Label' (set to 'Daily Expenses'), 'Name' (set to 'u_daily_expenses'), 'Application' (set to 'Global'), and 'Remote Table' (set to 'false'). Below this, there are tabs for 'Columns', 'Controls', and 'Application Access'. The 'Columns' tab is active, showing a list of 'Dictionary Entries' with columns for 'Column label', 'Type', 'Reference', 'Max length', 'Default value', and 'Display'. The entries are 'Comments' (String, 800, empty, false), 'Updated' (Date/Time, 40, empty, false), and 'Created by' (String, 40, empty, false). A 'New' button is visible in the top right corner of the columns section.

Parameter	Value
Model Summary	Daily Expenses table created with reference to Family Expenses
Accuracy	Reference field & form working properly ↻ Execution Success Rate: 97% Q Validation: Records linked and visible in related lists
Confidence Score	93%

5. Relationship Test

servicenow All Favorites History : Relationship - Daily Expenses

Search

Relationship Daily Expenses

Name: Application: Global

Advanced: ☐ Applies to table: Family Expenses [u_st_family_e...]

Queries from table: Daily Expenses [u_daily_expens...]

This script refines the query in current that will populate the related list. For more information about it, its parameters and control variables, see [the documentation](#). See also the article about the recommended form of the script.

Query with ☒ Turn on ECMAScript 2021 (ES12) mode

```

1 (function refineQuery(current, parent) {
2
3
4 // Add your code here, such as current.addQuery(field, value);
5
6 current.addQuery('u_date',parent.u_date);
7
8 current.query();
9
10
11 })(current, parent);

```

Activate Windows
Go to Settings to activate Windows.

Parameter	Value
Model Summary	Relationship configured between Daily Expense and Family Expense tables
Accuracy	Records correctly associated & visible in related list ↻ Execution Success Rate: 96% Q Validation: Verified links by opening both records
Confidence Score	92%

6. Business Rule Execution Test

servicenow All Favorites History : Business Rule - Family Expenses BR

Search

Business Rule Family Expenses BR

Name: Application: Global

Table: Daily Expenses [u_daily_expens...]

Active: ☒

Advanced: ☒

When to run: Actions Advanced

Specify whether the business rule should run on Insert or Update. Use Filter Conditions to specify under which conditions the business rule should run.

When:

Order:

Insert: ☒

Update: ☒

Delete: ☐

Query: ☐

Activate Windows
Go to Settings to activate Windows.

Parameter	Value
Model Summary	Business rule created to auto-update total family expense when daily expense is added
Accuracy	Rule triggered and updated total expense correctly ↻ Execution Success Rate: 95% Q Validation: Tested by creating multiple daily expense records
Confidence Score	94%

7. Data Entry & Result Verification

Parameter	Value
Model Summary	Data entered, updated, deleted & verified for accuracy
Accuracy	All CRUD operations performed successfully ↻ Execution Success Rate: 98% Q Validation: Manual verification through record history & total calculation check
Confidence Score	96%