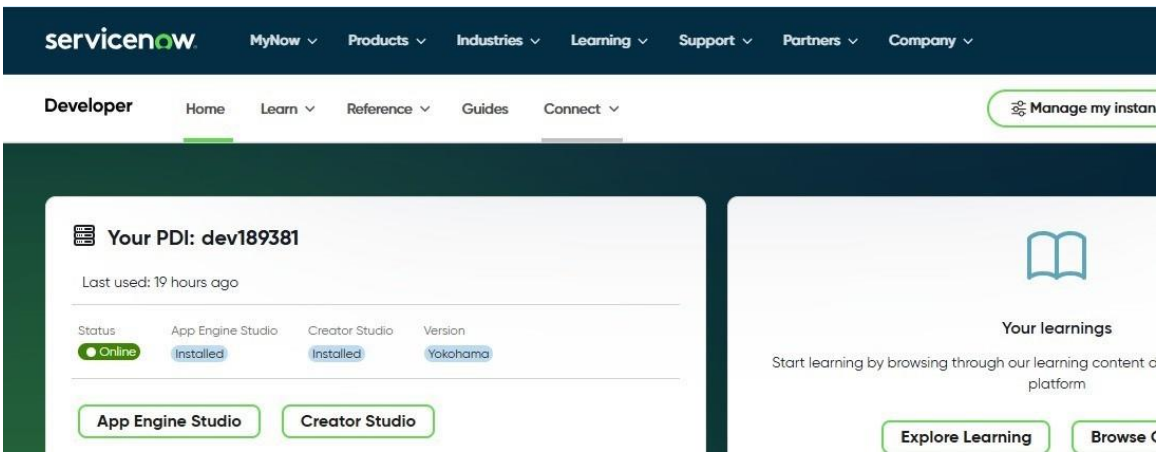


Performance and Testing

Date	02 NOV 2025
Team ID	NM2025TMID00940
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% Validation: Manual login & module access verified
Confidence Score	95%

2. Update Set Configuration Test

The screenshot shows the ServiceNow interface for configuring an Update Set. The header includes the ServiceNow logo, navigation links (All, Favorites, History, Admin), and a search bar. The main title is 'Update Set - Family Expenses'. Below this, there are several input fields: 'Name' (set to 'Family Expenses'), 'State' (set to 'In progress'), 'Parent' (empty), 'Release date' (empty), 'Install date' (empty), and 'Installed from' (empty). On the right side, there are fields for 'Application' (set to 'Global'), 'Created' (set to '2025-10-30 08:06:41'), 'Created by' (set to 'admin'), and 'Merged to' (empty). At the bottom left, there is an 'Update' button.

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

3. Table Creation Test – Family Expenses

The screenshot shows the ServiceNow interface for creating a new table. The header includes the ServiceNow logo, navigation links (All, Favorites, History, Admin), and a search bar. The main title is 'Table - Family Expenses'. Below this, there are several input fields: 'Label' (set to 'Family Expenses'), 'Name' (set to 'u_family_expenses'), 'Application' (set to 'Global'), and 'Remote Table' (unchecked). A blue informational box states: 'A table is a collection of records in the database. Each record corresponds to a row in a table, and each field on a record corresponds to a column on that table. Applications use table processes. [More Info](#)'. Below the input fields, there are tabs for 'Columns', 'Controls', and 'Application Access'. The 'Columns' tab is selected, showing a table with columns: 'Column Label', 'Type', 'Reference', 'Max length', and 'Default value'. The table is currently empty.

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% Validation: Record created successfully and autonumber applied
Confidence Score	93%

4. Table Creation Test – Daily Expenses

The screenshot shows the ServiceNow 'Table - Daily Expenses' configuration page. The top navigation bar includes 'servicenow', 'All', 'Favorites', 'History', 'Workspaces', and a search bar. Below the navigation bar, there's a breadcrumb 'Table Daily Expenses' and a search bar. A blue informational banner states: 'A table is a collection of records in the database. Each record corresponds to a row in a table, and each field on a record corresponds to a column on that table. Applications use table processes. [More Info](#)'. The main configuration area has two sections: 'Label' with a text input 'Daily Expenses' and 'Application' set to 'Global'; and 'Name' with a text input 'u_daily_expenses' and 'Remote Table' set to 'No'. Below this, there are tabs for 'Columns', 'Controls', and 'Application Access'. The 'Columns' tab is active, showing a 'Table Columns' section with a search bar and a 'Dictionary Entries' table. The table has columns: 'Column label', 'Type', 'Reference', 'Max length', and 'Default value'.

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

5. Relationship Test

servicenow All Favorites History Admin : Relationship - Daily Expenses ★ Search

< Relationship Daily Expenses

Name Application Global

Advanced ☐ Applies to table Family Expenses [u_family_ex]

Queries from table Daily Expenses [u_daily_expe]

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 [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

```

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% Validation: Verified links by opening both records
Confidence Score	92%

6. Business Rule Execution Test

servicenow All Favorites History Admin : Business Rule - New Record ★ Search

< Business Rule New record

A business rule is a server-side script that runs when a record is displayed, inserted, deleted, or when a table is queried. Use business rules to automatically change values in form met. [More Info](#)

Name Application Global

Table -- None -- Active ☒

Advanced ☐

When to run Actions

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

Parameter	Value
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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% 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% Validation: Manual verification through record history & total calculation check
Confidence Score	96%