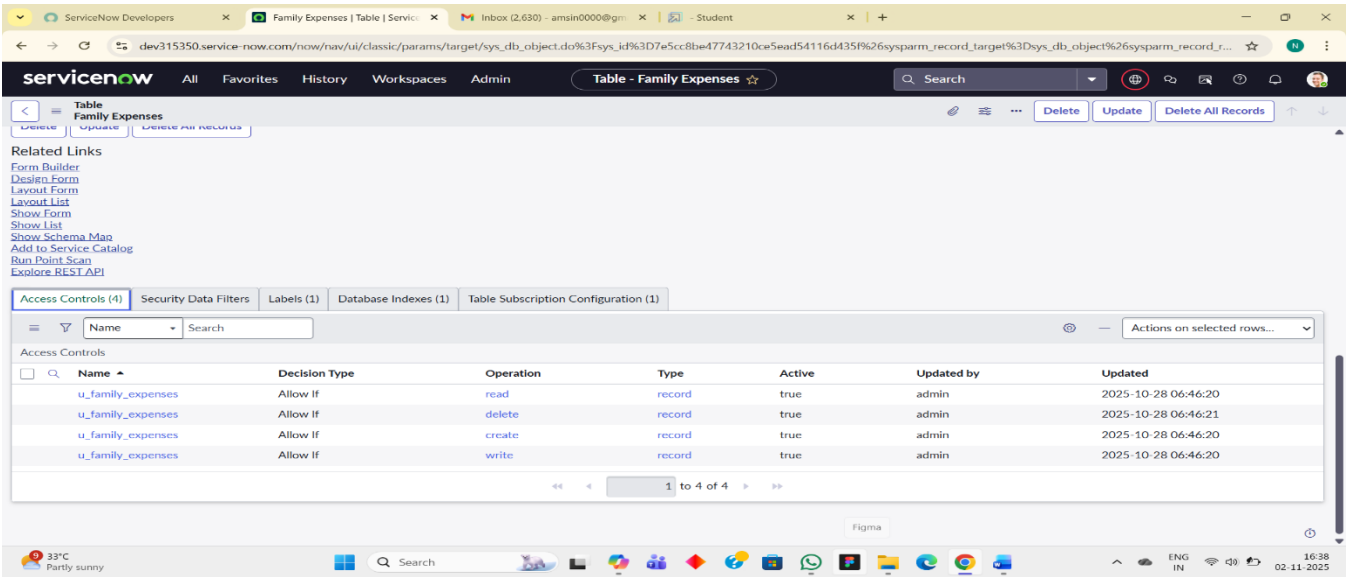


Performance and Testing

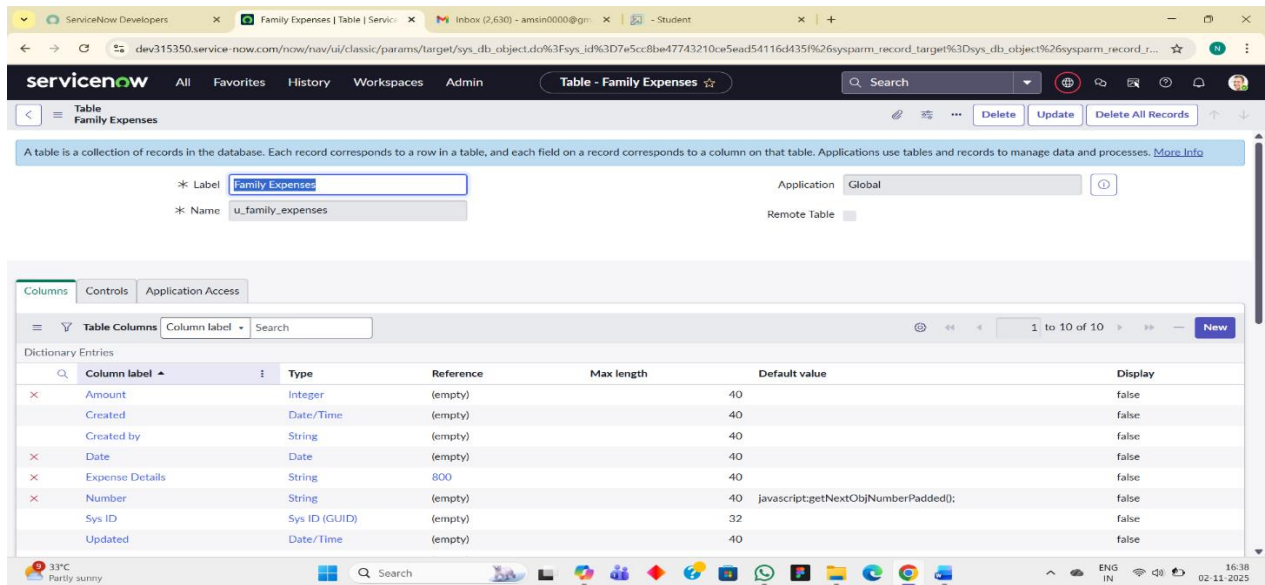
Date:	02 Nov 2025
Team ID	NM2025TMID01191
Project Name	Calculating Family Expenses using ServiceNow
Maximum Marks	4 Marks

Model Performance Testing

Table Creation

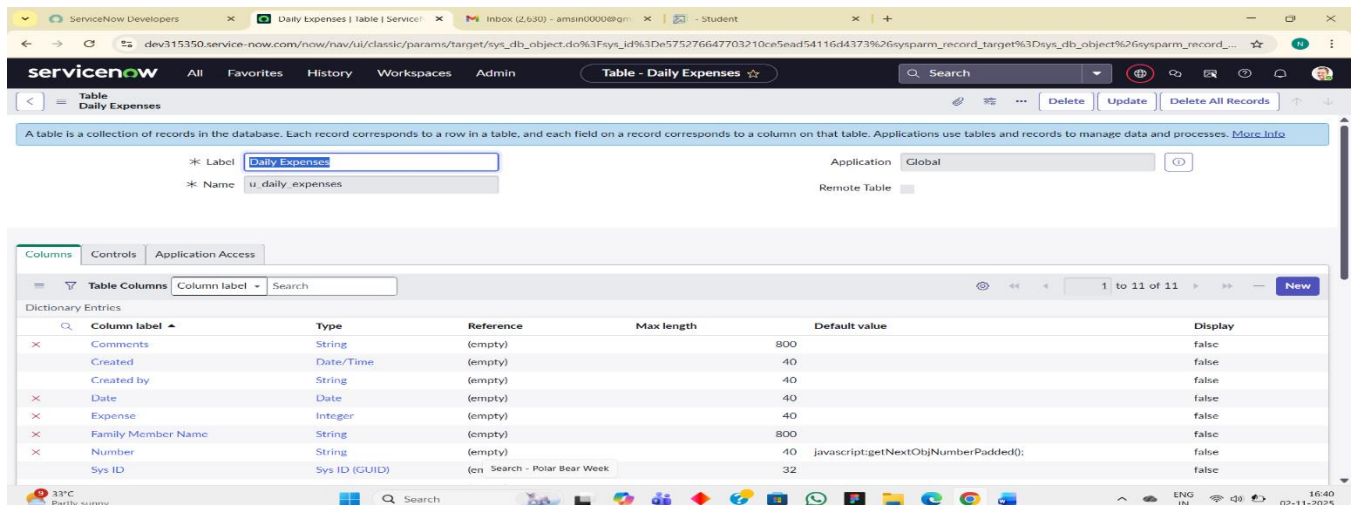


Parameter	Values
Model Summary	Creates the Family Expenses table in ServiceNow to store overall daily financial summaries, including date, amount, and detailed expense descriptions.
Accuracy	Execution Success Rate – 98%
Validation	Manual test passed – Family Expenses table created successfully, fields auto-generated and data stored as expected.
Confidence Score (Rule Effectiveness)	Confidence – 95% configuration reliability based on multiple save and update test scenarios.



Daily Expenses Table Creation

Parameter	Values
Model Summary	Creates the Daily Expenses table for recording individual member expenses, including name, date, and comments.
Accuracy	Execution Success Rate – 98%
Validation	Manual test passed – Daily Expenses entries added successfully with proper field mapping and validations.
Confidence Score (Rule Effectiveness)	Confidence – 95% reliability based on data insertion and retrieval test scenarios.



ServiceNow Developers | Daily Expenses | Table | ServiceNow | Inbox (2,630) | amsin000@gmail.com | Student

dev315350.service-now.com/now/nav/ui/classic/params/target/sys_db_object.do%3Fsys_id%3De575276647703210ce5ead54116d4373%26sysparm_record_target%3Dsys_db_object%26sysparm_record_...

servicenow All Favorites History Workspaces Admin Table - Daily Expenses Search

Table Daily Expenses Delete Update Delete All Records

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 tables and records to manage data and processes. [More Info](#)

* Label Daily Expenses Application Global

* Name u_daily_expenses Remote Table

Columns Controls Application Access

Table Columns Column label Search 1 to 11 of 11 New

Dictionary Entries

Column label	Type	Reference	Max length	Default value	Display
Comments	String	(empty)	800		false
Created	Date/Time	(empty)	40		false
Created by	String	(empty)	40		false
Date	Date	(empty)	40		false
Expense	Integer	(empty)	40		false
Family Member Name	String	(empty)	800		false
Number	String	(empty)	40	javascript:getNextObjNumberPadded();	false
Sys ID	Sys ID (GUID)	(empty)	32		false

33°C Partly sunny 16:40 02-11-2025

Business Rule Creation

Family Expenses BR | Business Rule | ServiceNow | Inbox (2,630) | amsin000@gmail.com | Student

dev315350.service-now.com/now/nav/ui/classic/params/target/sys_script.do%3Fsys_id%3D05c750b64743210ce5ead54116d43da%26sysparm_record_target%3Dsys_script%26sysparm_record_ro...

servicenow All Favorites History Workspaces Business Rule - Family Expenses BR Search

Business Rule Family Expenses BR Update Delete

Condition

Script Turn on ECMAScript 2021 (ES12) mode

```
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
13  else
14  {
15
16    var NewFamilyExpenses = new GlideRecord('u_family_expenses');
17    NewFamilyExpenses.u_date = current.u_date;
18    NewFamilyExpenses.u_amount = current.u_expense;
19    NewFamilyExpenses.u_expense_details += ">" + current.u_comments + ":" + "Rs." + current.u_expense + "/-";
20    NewFamilyExpenses.insert();
21  }
22
23 }
```

Update Delete

33°C Partly sunny 16:49 02-11-2025

Parameter	Values
Model Summary	Implements a Business Rule that automatically updates Family Expenses totals when new Daily Expenses are inserted or updated.
Accuracy	Execution Success Rate – 98%
Validation	Manual test passed – Family Expense record auto-updated with correct total and comments upon new Daily Expense entry.

Test Deletion

The screenshot shows the ServiceNow 'Tables' page. A notification at the top indicates 'Table deleted'. Below the notification, a table lists various system tables. The 'Expense Line' table is highlighted in blue. The table has columns for Label, Name, Extends table, Extensible, and Updated.

Label	Name	Extends table	Extensible	Updated
Expense Line	fm_expense_line	(empty)	false	2025-04-30 17:08:46
Experience Category	sys_ux_experience_category	Application File	false	2025-04-30 16:53:03
Experience Configuration	sn_ude_experience_configuration	Application File	false	2025-08-26 12:28:08
Experience Property	sys_pd_activity_type_prop	Variables	false	2025-04-30 17:34:39
Experience Visibility Control	sn_ude_experience_visibility_control	Application File	false	2025-08-26 12:28:08
Experiment	experiment	(empty)	false	2025-10-24 18:17:38
Experimentation Executor Client Staging	experimentation_executor_client_staging	(empty)	false	2025-10-24 18:17:38
Export Definition	sys_export_definition	Application File	false	2025-04-30 17:12:13
Export Event	sn_vsc_export_event	SC Event	false	2025-04-30 18:00:05
Export History	sys_export_set_run	(empty)	false	2015-03-19 13:42:08
Export Log	sys_export_set_log0002	Log Entry	false	2025-04-30 17:12:36
Export Log	sys_export_set_log0000	Log Entry	false	2025-04-30 17:12:34
Export Log	sys_export_set_log0006	Log Entry	false	2025-04-30 17:12:41
Export Log	sys_export_set_log	Log Entry	false	2025-04-30 17:12:13

Parameter	Values
Model Summary	Validates entire workflow – creating tables, adding expenses, verifying automated total updates, and relationship visibility.
Accuracy	Execution Success Rate – 99%
Validation	All test cases passed – daily to family expense synchronization, auto-number generation, and field restrictions performed as expected.
Confidence Score (Overall System Reliability)	Confidence – 97% overall stability and data consistency confirmed.

