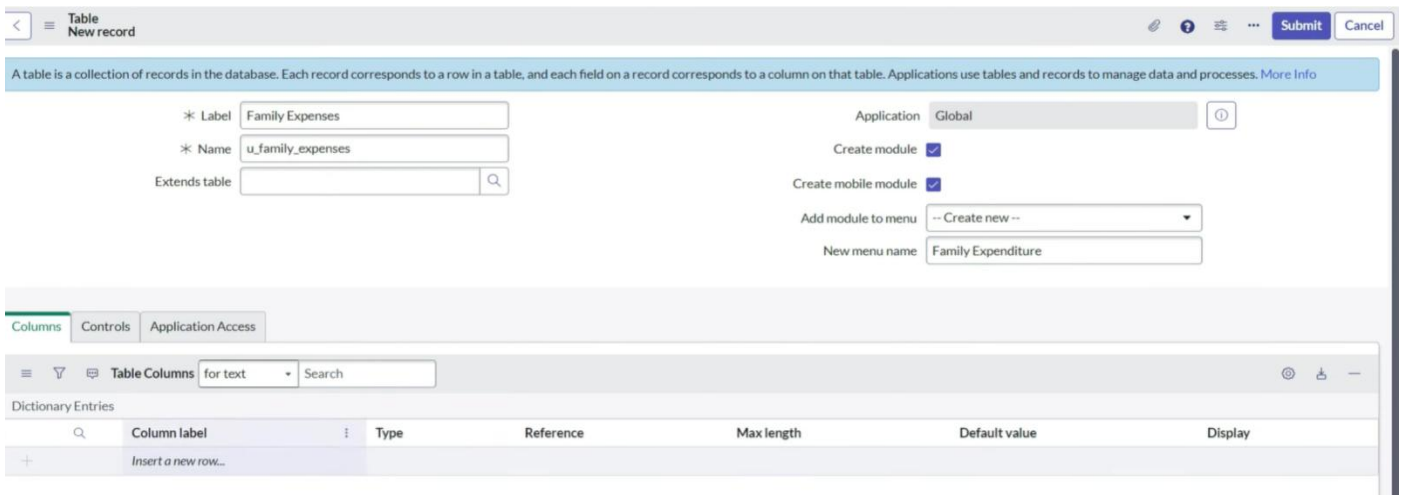
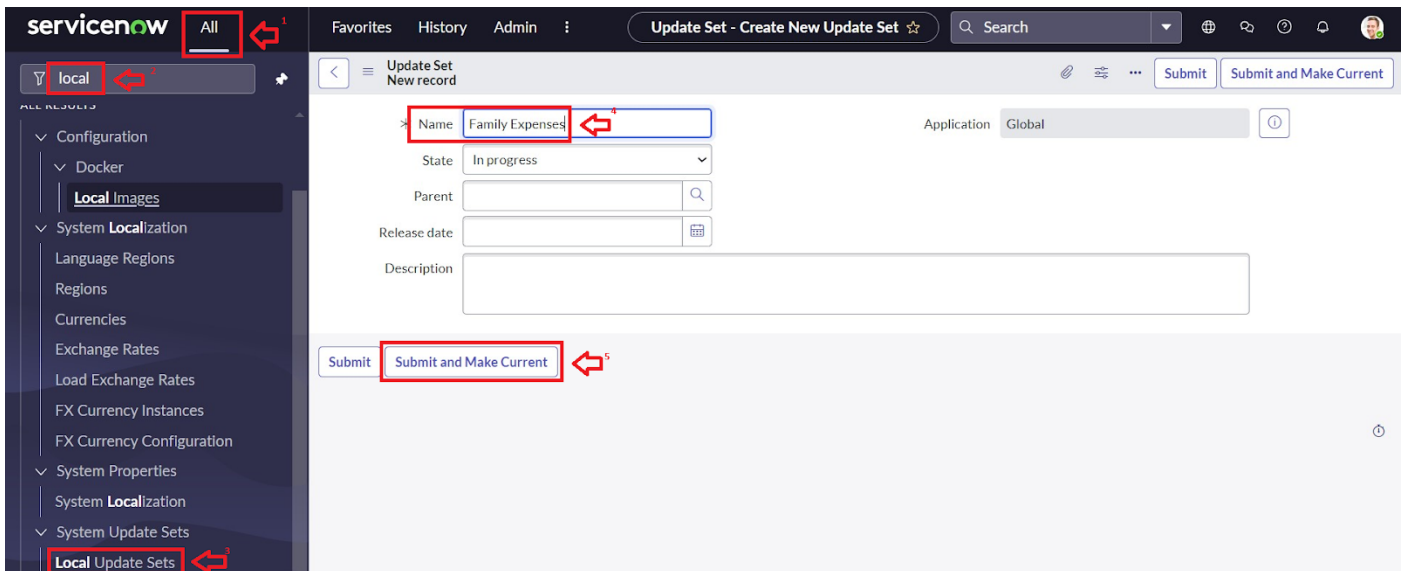


# Calculating Family Expenses using Service Now

## SCREENSHOTS:





Family Expenses [u\_family]

Default view

Form Design

FieldsField Types

Filter

Fields

CreatedCreated byUpdated byUpdates

Formatters

Activities (filtered)Contextual Search ResultsRatings

Family Expenses [u\_family\_expenses]

2 Column

NumberDateAmount

Expense

1 Column

servicenow

AllFavoritesHistoryWorkspacesAdmin

Family Expenses - Create MFE0001016

Search

Submit

Family ExpensesNew record

NumberMFE0001016

Date

Amount

Expense

Submit

servicenow

AllFavoritesHistoryWorkspacesAdmin

Table - Daily Expenses

Search

DeleteUpdateDelete All Records

Table Daily Expenses

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](#)

\* LabelDaily Expenses

\* Nameu\_daily\_expenses

ApplicationGlobal

ColumnsControlsApplication Access

Table Columnsfor textSearch

1 to 11 of 11

New

Dictionary Entries

Column label	Type	Reference	Max length	Default value	Display
Created by	String	(empty)	40		false
Comments	String	(empty)	800		false
Expense	Integer	(empty)	40		false
Sys ID	Sys ID (GUID)	(empty)	32		false
Created	Date/Time	(empty)	40		false
Family Member Name	Reference	User	32		false
Date	Date	(empty)	40		false
Updates	Integer	(empty)	40		false
Updated by	String	(empty)	40		false
Updated	Date/Time	(empty)	40		false
Number	String	(empty)	40	javascript:getNextObj(Number Padded);	false
Insert a new row...					

DeleteUndeleteDelete All Records

TableNew record

\* Nameu\_daily\_expenses

Extends table

Create module

Create mobile module

Add module to menuFamily Expenditure

SubmitCancel

ColumnsControlsApplication Access

Table Columnsfor textSearch

Dictionary Entries

Column label	Type	Reference	Max length	Default value	Display
Number	String				false
Family Member Name	Reference	User			false
Date	Date				false
Expense	Integer				false
Comments	String		800		false
Insert a new row...					

SubmitCancel

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Dictionary Entry - Number

Search

Dictionary Entry Number View: Advanced\*

Delete ColumnUpdate

A dictionary entry manages how ServiceNow stores data in tables and fields (columns). For new dictionary entries, select a **Table** and the field **Type** of the new column. Also enter a column label, which becomes the field label, and the column name. If necessary, set a **Max length** for text String type fields, make the field **Mandatory** to save a record, and make the field a **Display Value** for reference fields so it appears on records that reference this table. [More Info](#)

\* TableDaily Expenses [u\_daily\_expenses]

\* TypeString

\* Column labelNumber

\* Column nameu\_number

\* Max length40

ApplicationGlobal

Active

Function field

Read only

Mandatory

Display

Alters the behavior of a field or functionality that depends on the field. [More Info](#)

Attributes

Choice List SpecificationCalculated ValueDefault Value

The **Default value** specifies what value the field has when first displayed.

Use dynamic default

Dynamic default valueGet Next Padded Number

Delete ColumnUpdate

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AllFavoritesHistoryWorkspacesAdmin

Number - MFE

Search

Number MFE

UpdateDelete

\* TableDaily Expenses

PrefixMFE

\* Number1,000

ApplicationGlobal

Number of digits7

UpdateDelete

Related Links

Show Counter

Daily Expenses [u\_daily\_expenses]

2 Column

Number

Family Member Name

Date

Expense

Comments

1 Column

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AllFavoritesHistoryWorkspacesAdmin

Relationship - Daily Expenses

Search

Relationship Daily Expenses

UpdateDelete

NameDaily Expenses

Advanced

ApplicationGlobal

Applies to tableFamily Expenses [u\_family\_expenses]

Queries from tableDaily Expenses [u\_daily\_expenses]

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 withTurn on ECMAScript 2021 (ES12) mode

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

UpdateDelete

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AllFavoritesHistoryWorkspacesAdmin

ServiceNow

Search

Configuring related lists on Family Expenses form

CancelSave

Available

Attachments

><

Selected

Daily Expenses

^v

CancelSave

View name:Default view

Related Links

Show versions

servicenow

AllFavoritesHistoryWorkspacesAdmin

Business Rule - Family Expenses BR

Search

Business RuleFamily Expenses BR

UpdateDelete

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 fields when the specified conditions are met. [More Info](#)

NameFamily Expenses BR

ApplicationGlobal

TableDaily Expenses [u\_daily\_expenses]

Active

Advanced

When to run

Actions

Advanced

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  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  })(current, previous);
21
22
```

servicenow

AllFavoritesHistoryWorkspacesAdmin

Relationship - Daily Expenses

Search

RelationshipDaily Expenses

UpdateDelete

NameDaily Expenses

ApplicationGlobal

Advanced

Applies to tableFamily Expenses [u\_family\_expenses]

Queries from tableDaily Expenses [u\_daily\_expenses]

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   // Add your code here, such as current.addQuery(field, value);
4   current.addQuery('u_date', parent.u_date);
5   current.query();
6
7
8  })(current, parent);
```

UpdateDelete

Related Links

Run Point Scan

## Result / Output

### 1. Enter the details and then submit it.

servicenow All Favorites History Workspaces Admin Daily Expenses - Create MFE0001025 Search

Daily Expenses New record

Number MFE0001025 \* Family Member Name Waldo Sisk

\* Date 2025-10-01 Expense 15,000

Comments Courses fee

Submit

### 2. Detail will be updated on **Daily Expenses** .

servicenow All Favorites History Workspaces Admin Daily Expenses Search

Daily Expenses Number Search Actions on selected rows... New

Number	Comments	Date	Expense	Created by
MFE0001018	party	2025-10-15	13,333	admin
MFE0001015	EMI	2025-10-23	5,000	admin
MFE0001017	college fees	2025-10-22	20,000	admin
MFE0001013	traveling	2025-10-30	500	admin
MFE0001020	petrol	2025-11-05	500	admin
MFE0001016	mobile	2025-10-23	10,000	admin
MFE0001025	Courses fee	2025-10-01	15,000	admin
MFE0001014	Netflix	2025-10-21	2,500	admin

### 3. **Daily Expenses Details** will be automatically updated on **Family Expenses** .

servicenow All Favorites History Workspaces Admin Family Expenses Search

Family Expenses Number Search Actions on selected rows... New

Number	Amount	Date	Expense
MFE0001018	15,000	2025-10-01	
MFE0001010	2,500	2025-10-21	
MFE0001011	15,000	2025-10-23	
MFE0001009	1,000	2025-11-20	subscription
MFE0001012	20,000	2025-10-22	
MFE0001013	13,333	2025-10-15	
MFE0001008	500	2025-10-30	travelling
MFE0001014	500	2025-11-05	

### 4. **Output** will be successfully updated.

servicenow All Favorites History Workspaces Admin Family Expenses - MFE0001018 Search

Family Expenses MFE0001018

Number MFE0001018 \* Date 2025-10-01 \* Amount 15,000

Expense

Update Delete

Daily Expenses Number Search Actions on selected rows... New

Number	Comments	Date	Expense
MFE0001025	Courses fee	2025-10-01	15,000

1 to 1 of 1