

PERFORMANCE & TESTING

Procedure or Implementation steps

Phase 1 : Creation of New Update Set

1. Go to All >> In the filter search for Local Update set > click on New.
2. Enter the Details as:
Name : Family Expenses

Phase 2 : Creation of New Update Set

1. Go to All >> In the filter search for Local Update set > click on New.
2. Enter the Details as:
Name : Family Expenses
3. Then click on Submit and Make current.

Phase 3 : Creation of Table

Step 1: Creation of Family Expenses Table

1. Go to All > In the filter search for Tables > click on New.
2. Enter the Details:
Label : Family Expenses
Name : Auto-Populated
New menu name : Family Expenditure
3. Go to the Header and right click there>> click on Save.

Step 2: Creation of Columns(Fields)

1. Near Columns Double click near insert a new row.
2. Give the details as

Column label : Number

Type : String

3. Double click on insert a new row again
4. Give the details as:

Column label : Date

Type : Date

5. Double click on insert a new row again
6. Give the details as:

Column label : Amount

Type : Integer

7. Double click on insert a new row again
8. Give the details as:

Column label : Expense Details

Type : String

Max length : 800

Step 3: Configure the Form

1. Go to All >> In the filter search for Family Expenses >> Open Family Expenses
2. Click on New
3. Go to the Header and right click there>> click on Configure >> Select Form Design
4. Customize or Drag Drop the form as per your requirement.

Phase 4 : Creation of Relationship between Family Expenses and Daily Expenses tables

1. Click on all>> search for service catalog
2. Select maintain item under catalog definition
3. Search for 'laptop request' which is created before
4. Select 'laptop request' and scroll down click on "Catalog Ui policies"
5. In the catalog ui policies related list tab click on new
6. Give short description as: show accessories details

Phase 6 : Configuring Related List on Family Expenses

1. Go to All >> In the filter search for Family Expenses >> Open Family Expenses
2. Click on New
3. Go to the Header and right click there>> click on Configure >> Select Related Lists
4. Add Daily Expenses to the Selected Area.
5. Click on Save

Phase 7 : Creation of Business Rules

1. Go to All >> In the filter search for Business Rules.
2. Under System Definition Select Business Rules then click on New.

3. Enter the Details:
Name : Family Expenses BR
Table : Select Daily Expenses
Check Advanced

Phase 8 : Configure the Relationship

1. Go to All >> In the filter search for Relationships >> Open Relationships.
2. In that, open Daily Expenses Relationship.
3. For Applies to table : Select Family Expenses.
4. In Query with : write the below Query.

```
(function refineQuery(current, parent) {  
  
    // Add your code here, such as current.addQuery(field, value);  
    current.addQuery('u_date',parent.u_date);  
    current.query();  
  
})(current, parent);
```

5. Click on Update.

Screenshots:

Phase 1 : Creation of New Update Set

servicenow

AllFavoritesHistoryWorkspaces

Update Set - Family Expenses

Search

Update

Update Set
Family Expenses

NameFamily Expenses

StateIn progress

Parent

Release date

Install date

Installed from

Description

ApplicationGlobal

Created2025-10-29 01:33:07

Created byadmin

Merged to

Update

Related Links

Merge With Another Update Set

Scan Update Set

Customer Updates (43)

Update Set Logs

Child Update Sets

Install History

Created

Search

Actions on selected rows...

Update set = Family Expenses

	Created	Type	View	Target name	Updated by	Remote update set	Action
<input type="checkbox"/>	2025-10-29 01:37:03	Application Menu		Family Expenditure	admin	(empty)	INSERT_OR_UPDATE

Phase 2 :

1. Creation of Family Expenses Table

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AllFavoritesHistoryWorkspacesAdmin

Table - New Record

Search

SubmitCancel

ServiceNow
Service Management

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](#)

LabelFamily expenses

Nameu_family_expenses

Extends table

ApplicationGlobal

Create module☒

Create mobile module☒

Add module to menu-- Create new --

New menu nameFamily Expenditure

Remote Table☐

Columns

Controls

Application Access

Table Columns

Default value

Search

Dictionary Entries

Column label	Type	Reference	Max length	Default value	Display
Insert a new row...					

Submit

Cancel

Related Links

2 . Create a columnes

Columns

+ Controls

Application Access

≡

🔍

🗨

Table Columns

Default value ▾

Search

⌛

—

Dictionary Entries

	🔍	Column label	Type	Reference	Max length	Default value ▴	Display
✕		Number	String				false
✕		Date	Date				false
✕		Expense Details	String		800		false
✕		Amount	Integer				false
+	Insert a new row...						

3 .Making Number Field an Auto-Number

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All Favorites History Workspaces Admin

Number - New Record

Search

Submit

Number New record

* Table

Family Expenses

Prefix

MFE

* Number

1,000

Application

Global

Number of digits

7

4.Configure the Form

The screenshot shows the 'Form Design' interface for a form titled 'Family Expenses [u_st_fam]'. The interface is divided into a left sidebar and a main design area. The sidebar contains a 'Fields' tab, a 'Field Types' tab, a 'Filter' input, and a 'Formatters' section with a list of formatters: 'Activities (filtered)', 'Contextual Search Results', and 'Ratings'. The main design area shows two form sections. The first section is titled 'Family Expenses [u_st_family_expenses]' and has a '1 Column' dropdown. It contains a single field labeled 'Expense Details'. The second section is titled 'Family Expenses [u_st_family_expenses]' and has a '2 Column' dropdown. It contains two fields: 'Date' and 'Amount'. Each field has a settings icon (gear) and a close icon (X).

Phase 3 : Creation of Relationship between Family Expenses and Daily Expenses tables

servicenow All Favorites History Workspaces Relationship - New Record Search

Name: Daily Expenses Application: Global

Advanced ☐ Applies to table: Family Expenses [u_st_family_expenses]

Queries from table: -- None --

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  
5 })(current, parent);
```

Submit

Phase 4: Configuring Related List on Family Expenses

Available

Attachments
Goal relationships

Selected

Daily Expenses

Cancel Save

Phase 5: Creation of Business Rules

The screenshot shows the 'Business Rule - New Record' form in ServiceNow. The 'When to run' tab is active, showing options for 'When' (before) and 'Order' (100). There are checkboxes for 'Insert' (checked), 'Update' (checked), 'Delete' (unchecked), and 'Query' (unchecked). Below these are buttons for 'Add Filter Condition' and 'Add OR Clause', followed by a dropdown menu for 'choose field --', a dropdown for 'oper --', and a text input for 'value --'.

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

Phase 6: Configure the Relationship

servicenow

AllFavoritesHistoryWorkspaces

Relationship - New Record

Search

Submit

Relationship
New record

Submit

Name:

Application:

Advanced ☐

Applies to table:

Queries from table:

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

2

3

4

5

{function refineQuery(current, parent) {

// Add your code here, such as current.addQuery(field, value);

}}(current, parent);

Submit