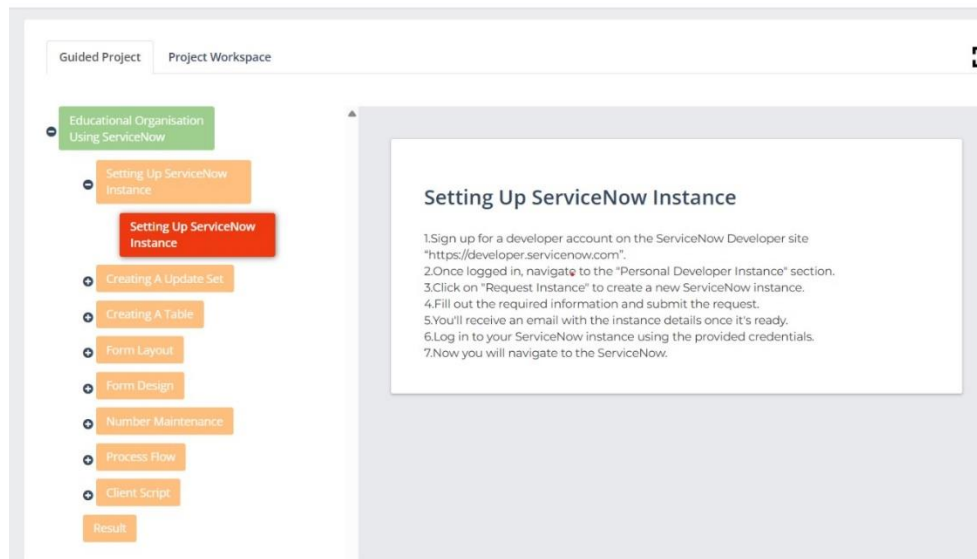


Performance Testing

Date	
Team ID	NM2025TMID05570
Project name	Educational Organization using ServiceNow
Maximum Marks	4 Marks

Setting up Instance:



Create Salesforce tables:

servicenow All Favorites History Workspaces Admin Table - New Record

ServiceNow recommends creating custom tables in scoped applications. To learn more about creating scoped applications, click [here](#).

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

* Name

Extends table

Application

Create module ☒

Create mobile module ☒

Add module to menu -- Create new --

New menu name

Remote Table ☐

Columns Controls Application Access






Table Columns for text Search





Dictionary Entries

Column label	Type	Reference	Max length	Default value	Display
--------------	------	-----------	------------	---------------	---------

Submit Cancel

Create Admission Table:

servicenow All Favorites History Workspaces Admin **Tables**     

< **Table Admission**    **Delete** **Update** **Delete All Records** 

* Label Application ⓘ

* Name Create module ☒

Extends table ⓘ Create mobile module ☒

Add module to menu -- Create new -- Add module to menu

New menu name

Remote Table ☐






Columns Controls Application Access





Table Columns for text ⓘ **New**

Dictionary Entries

	Column label	Type	Reference	Max length	Default value	Display
×	Father Cell	String	(empty)	40	40	false
	Created by	String	(empty)	40	40	false
×	Student Name	String	(empty)	40	40	false
	Created	Date/Time	(empty)	40	40	false
×	mother Cell	String	(empty)	40	40	false

Create student Progress table:

servicenow All Favorites History Workspaces Admin **Tables**     

< **Table Student Progress**    **Delete** **Update** **Delete All Records** 

* Label Application ⓘ

* Name Create module ☒

Extends table ⓘ Create mobile module ☒

Add module to menu -- Create new -- Add module to menu

New menu name

Remote Table ☐

Columns Controls Application Access

Table Columns for text ⓘ **New**

Dictionary Entries

	Column label	Type	Reference	Max length	Default value	Display
	Created	Date/Time	(empty)	40	40	false
×	Telugu	String	(empty)	40	40	false
×	English	String	(empty)	40	40	false
×	Percentage	String	(empty)	40	40	false
×	Total	String	(empty)	40	40	false

Layout Form:

The screenshot shows the 'Configuring Table form' interface in ServiceNow. The top navigation bar includes 'servicenow', 'All', 'Favorites', 'History', 'Workspaces', 'Admin', and a 'ServiceNow' button. A search bar is also present. The main area is divided into two columns: 'Available' and 'Selected'. The 'Available' column lists various fields such as 'Admission Number [+]', 'Created', 'Created by', 'English [+]', 'Hindi [+]', 'Maths [+]', 'Percentage [+]', 'Science [+]', 'Social [+]', 'Telugu [+]', 'Total [+]', 'Updated', 'Updated by', and 'Updates'. The 'Selected' column currently contains 'Admission Number' and a placeholder '[- split -]'. Below these columns are 'Cancel' and 'Save' buttons. To the right, the 'Form view and section' section shows 'View name' as 'Default view' and 'Section' as 'New Section'. The 'Create new field' section includes fields for 'Name', 'Type' (set to 'String'), and 'Field length' (set to 'Small (40)'), with an 'Add' button below. At the bottom, there is a 'Related Links' section.

Form Design for Sales force Table:

The screenshot shows the 'Form Design' interface for the 'Salesforce [u_salesforce]' table. The top navigation bar includes 'dev224278.service-now.com/\$ng_fd.do?sysparm_attributes=startTable=sys_db_object%2CstartView=Default%20view'. The main area is divided into two columns: 'Fields' and 'Field Types'. The 'Fields' column lists various fields such as 'Class', 'Created', 'Created by', 'Updated', 'Updated by', and 'Updates'. The 'Field Types' column lists various field types such as 'Activities (filtered)', 'Contextual Search Results', and 'Ratings'. The 'Form Design' section shows a table with columns for 'Salesforce [u_salesforce]' and '2 Column'. The table contains the following fields: 'Admin Number', 'Admin Date', 'Grade', 'Student Name', 'Father Name', 'Mother Name', 'Father Cell', and 'mother Cell'. Each field has a settings icon (gear) and a delete icon (X).

Number maintenance for admin number:

The screenshot shows the 'Number - New Record' form in the ServiceNow interface. The top navigation bar includes 'servicenow', 'All', 'Favorites', 'History', 'Workspaces', 'Admin', and a 'Number - New Record' button. A search bar is on the right. The form fields are: 'Table' (empty), 'Prefix' (empty), 'Number' (empty with a '1,000' limit indicator), 'Application' (set to 'Global'), and 'Number of digits' (set to '7'). A 'Submit' button is at the bottom left. Below the form, there is a 'Related Links' section with a link to 'Show Counter'.

Process flow for Admission Table

The screenshot shows the 'Flow Formatter - New Record' form in the ServiceNow interface. The top navigation bar includes 'servicenow', 'All', 'Favorites', 'History', 'Workspaces', and a 'Flow Formatter - New Record' button. A search bar is on the right. The form fields are: 'Table' (set to '-- None --'), 'Name' (empty), 'Application' (set to 'Global'), 'Label' (empty), 'Order' (empty), 'Active' (checked), and 'Condition' (with buttons for 'Add Filter Condition' and 'Add OR Clause'). The 'Description' field is a rich text editor with a toolbar showing options for bold, italic, underline, text color, background color, link, unlink, image, video, code, and list. The description area is currently empty.

Create Client Scripts:

servicenow All Favorites History Admin Client Script - Auto populate name with table name Search Update Delete

ServiceNow Service Management **Auto populate name with table name**

New client-scripts are run in strict mode, with direct DOM access disabled. Access to jQuery, prototype and the window object are likewise disabled. To disable this on a per-script basis, configure this form and add the "Isolate script" field. To disable this feature for all new globally-scoped client-side scripts set the system property "glide.script.block.client.globals" to false.

Name	<input type="text" value="S"/>	Application	Global
Table	Template Permit Rule [sys_app_template...]	Active	<input checked="" type="checkbox"/>
UI Type	All	Inherited	<input type="checkbox"/>
Type	onChange	Global	<input checked="" type="checkbox"/>
Field name	Table Name		

Description: If Name is empty then auto populate it with Table Name

Messages

Script

```
1 function onChange(control, oldValue, newValue, isLoading, isTemplate) {
2   if (isLoading || newValue === '') {
3     return;
4   }
5   if (g_form.getValue('name') === '') {
6     g_form.setValue('name', newValue);
7   }
8 }
9
```

Result:

Admission New record Submit

New Section New Section school details Address

Admin Number	<input type="text" value="SAL0001003"/>	Admin Date	<input type="text"/>
purpose of join	<input type="text" value="40"/>	Grade	-- None --
Student Name	<input type="text"/>	Fee	INR 40.00
Father Name	<input type="text"/>	Father Cell	<input type="text"/>
Mother Name	<input type="text"/>	Mother Cell	<input type="text"/>
		Admin Status	32

Submit

Salesforce New record Submit




Admin Number	<input type="text" value="SAL0001004"/>	Father Name	<input type="text"/>
Admin Date	<input type="text"/>	Mother Name	<input type="text"/>
Grade	prept	Father Cell	<input type="text"/>
Student Name	<input type="text"/>	Mother Cell	<input type="text"/>

Submit

<

≡

New Section
New record



Submit

Admin Number

New Section

✓

Maths

Hindi

Social

Science

Telugu

Percentage

Total

Result

Submit