

## Performance Testing

Date	
Team ID	NM2025TMID07723
Project Name	Educational Organization
Maximum Marks	4 Marks

### Setting up Instance

The screenshot shows the 'Project Workspace' for a guided project titled 'Educational Organisation Using ServiceNow'. The project steps are listed on the left: 'Setting Up ServiceNow Instance' (highlighted in red), 'Creating A Update Set', 'Creating A Table', 'Form Layout', 'Form Design', 'Number Maintenance', 'Process Flow', 'Client Script', and 'Result'. The main content area displays the 'Setting Up ServiceNow Instance' step with a list of instructions:






1. Sign up for a developer account on the ServiceNow Developer site "https://developer.servicenow.com".
2. Once logged in, navigate to the "Personal Developer Instance" section.
3. Click on "Request Instance" to create a new ServiceNow instance.
4. Fill out the required information and submit the request.
5. You'll receive an email with the instance details once it's ready.
6. Log in to your ServiceNow instance using the provided credentials.
7. Now you will navigate to the ServiceNow.





### Create Salesforce tables

The screenshot shows the 'Table - New Record' form in ServiceNow. The form includes fields for 'Label', 'Name', and 'Extends table'. The 'Application' is set to 'Global'. The 'Create module' and 'Create mobile module' checkboxes are checked. The 'Add module to menu' dropdown is set to '-- Create new --'. The 'New menu name' field is empty. The 'Remote Table' checkbox is unchecked. Below the form, there is a 'Columns' tab with a search bar and a table of 'Dictionary Entries'.

Column label	Type	Reference	Max length	Default value	Display
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## Create Admission Table:


**servicenow** All Favorites History Workspaces Admin **Tables**      

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

\* Label

\* Name

Extends table   

Application  

Create module ☒




Create mobile module ☒

Add module to menu

New menu name

Remote Table ☐






**Columns** **Controls** **Application Access**





**Table Columns**     **New**

Dictionary Entries

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

\* Name

Extends table

Application  

Create module ☒




Create mobile module ☒

Add module to menu

New menu name

Remote Table ☐

**Columns** **Controls** **Application Access**

**Table Columns**     **New**

Dictionary Entries

	Column label	Type	Reference	Max length	Default value	Display
	Created	Date/Time	(empty)	40	40	false
×	Telugu	String	(empty)	40		false
×	English	String	(empty)	40		false
×	Percentage	String	(empty)	40		false
×	Total	String	(empty)	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 titled 'Configuring Table form' and has 'Cancel' and 'Save' buttons. It is divided into two main sections: 'Available' and 'Selected'. The 'Available' section lists various fields: Admission Number [+], Created, Created by, English [+], Hindi [+], Maths [+], Percentage [+], Science [+], Social [+], Telugu [+], Total [+], Updated, Updated by, Updates, and a split field. The 'Selected' section shows 'Admission Number' and a split field. Below these are 'Form view and section' and 'Create new field' sections. The 'Form view and section' section has a 'View name' dropdown set to 'Default view' and a 'Section' dropdown with options 'New Section', 'Student Progress', and 'New...'. The 'Create new field' section has a 'Name' input, a 'Type' dropdown set to 'String', and a 'Field length' dropdown set to 'Small (40)'. An 'Add' button is at the bottom.

## Form Design for Sales force Table:

The screenshot shows the 'Form Design' interface for the '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 titled 'Form Design' and has a 'Salesforce [u\_salesforce]' dropdown and a 'Default view' dropdown. The 'Form Design' section shows a table with columns: Admin Number, Admin Date, Grade, Student Name, Father Name, Mother Name, Father Cell, and mother Cell. The table is set to '2 Column' view. On the left, there are 'Fields' and 'Field Types' tabs. The 'Fields' tab is active, showing a list of fields: Class, Created, Created by, Updated, Updated by, Updates, Activities (filtered), Contextual Search Results, and Ratings. The 'Field Types' tab is also visible.

Number maintenance for admin number:

The screenshot shows the 'Number - New Record' form in ServiceNow. The form includes the following fields:

- Table:** A dropdown menu with a search icon.
- Prefix:** A text input field.
- Number:** A text input field with a value of '1,000'.
- Application:** A dropdown menu with 'Global' selected.
- Number of digits:** A text input field with a value of '7'.

Below the form fields, there is a 'Submit' button and 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 ServiceNow. The form includes the following fields:

- Table:** A dropdown menu with '-- None --' selected.
- Name:** A text input field.
- Application:** A dropdown menu with 'Global' selected.
- Label:** A text input field with a blue background.
- Order:** A text input field.
- Active:** A checkbox that is checked.
- Condition:** Two buttons: 'Add Filter Condition' and 'Add OR Clause'.
- Description:** A rich text editor with a toolbar and a text area.

## Create Client Scripts:

servicenow

All Favorites History Admin

Client Script - Auto populate name with table name

Search

Update Delete

ServiceNow Service Management

je 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.

NameS

TableTemplate Permit Rule [sys\_app\_template...

UI TypeAll

TypeonChange

Field nameTable Name

ApplicationGlobal

Active☒

Inherited☐

Global☒

DescriptionIf 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
6   if (g_form.getValue('name') === '') {
7     g_form.setValue('name', newValue);
8   }
9 }
```

## Result:

< Admission New record

Submit

New Section

New Section school details Address

Admin NumberSAL0001003

purpose of join40

Student Name

Father Name

Mother Name

Admin Date

Grade-- None --

FeeINR40.00

Father Cell

Mother Cell

Admin Status32

Submit

< Salesforce New record

Submit

Admin NumberSAL0001004

Admin Date

Gradeprept

Student Name

Father Name

Mother Name

Father Cell

Mother Cell

Submit

<

≡

New Section

New record

Submit

Admin Number

New Section

▼

Maths

Hindi

Social

Science

Telugu

Percentage

Total

Result

Submit