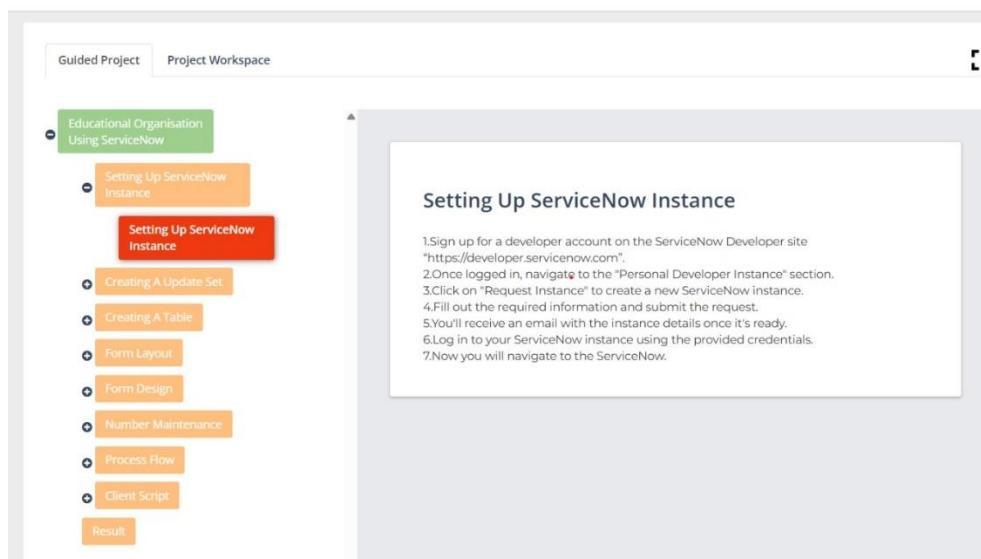


## Performance Testing

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

## Setting up Instance:



## Create Salesforce tables:

The screenshot shows the ServiceNow Table - New Record interface. At the top, there are tabs for 'All', 'Favorites', 'History', 'Workspaces', and 'Admin'. The main title is 'Table - New Record'. Below the title, there's a message: 'ServiceNow recommends creating custom tables in scoped applications. To learn more about creating scoped applications, click [here](#).'. A note below states: '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.' There are several input fields and checkboxes: 'Label' (text input), 'Name' (text input), 'Extends table' (dropdown with a search icon), 'Application' (dropdown set to 'Global'), 'Create module' (checkbox checked), 'Create mobile module' (checkbox checked), 'Add module to menu' (dropdown set to '-- Create new --'), 'New menu name' (text input), and 'Remote Table' (checkbox). At the bottom, there are buttons for 'Submit' and 'Cancel'.

## Create Admission Table:

The screenshot shows the ServiceNow Table Definition screen for the 'Admission' table. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', and 'Admin'. The 'Tables' icon is selected. The main area shows the table's properties: Label ('Admission'), Name ('u\_ux\_admission'), Application ('Global'), and Extends table ('Salesforce'). Other settings like 'Create module' and 'Add module to menu' are also visible.

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:

The screenshot shows the ServiceNow Table Definition screen for the 'Student Progress' table. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', and 'Admin'. The 'Tables' icon is selected. The main area shows the table's properties: Label ('Student Progress'), Name ('u\_student\_progress'), Application ('Global'), and Extends table (''). Other settings like 'Create module' and 'Add module to menu' are also visible.

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

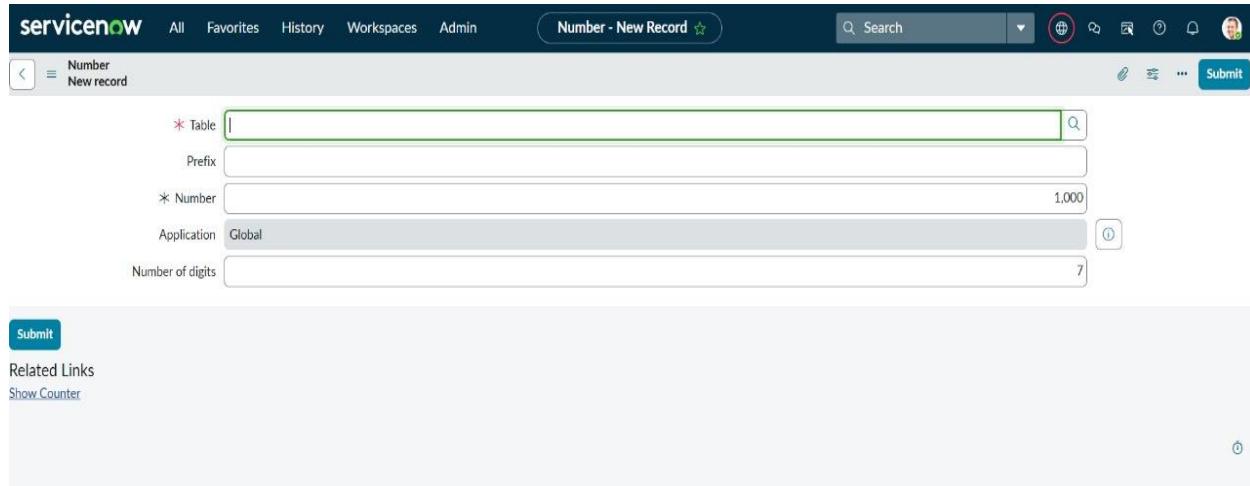
## Layout Form:

The screenshot shows the ServiceNow Layout Form configuration page. At the top, there's a navigation bar with links for All, Favorites, History, Workspaces, Admin, and a user icon. Below the navigation is a search bar and various system icons. The main area is titled "Configuring Table form". It features two main sections: "Available" and "Selected". The "Available" section contains a list of fields: Admission Number [+], Created, Created by, English [+], Hindi [+], Maths [+], Percentage [+], Science [+], Social [+], Telugu [+], Total [+], Updated, Updated by, Updates, and [- begin\_split -]. To the right of these lists are "Selected" fields: Admission Number [- split -]. Below these lists are "Cancel" and "Save" buttons. Underneath the lists, there are "Form view and section" and "Create new field" sections. The "Form view and section" section includes "View name" (Default view), "Section" (New Section, Student Progress, New...), and "Add" buttons. The "Create new field" section includes "Name" (empty), "Type" (String), and "Field length" (Small (40)). At the bottom left, there's a "Related Links" section.

## Form Design for Sales force Table:

The screenshot shows the Form Design interface for a Salesforce table named "Salesforce [u\_salesforce]". The top navigation bar includes links for Home, Objects, and a search bar. The main title is "Form Design". On the left, there's a sidebar with tabs for "Fields" (selected) and "Field Types". Under "Fields", there are sections for "Filter", "Fields" (containing Class, Created, Created by, Updated, Updated by, Updates), and "Formatters" (containing Activities (filtered), Contextual Search Results, Ratings). The main workspace displays a table with four columns: Admin Number, Admin Date, Grade, and Student Name. To the right of each column header is a "Configure" icon (gear and crossed-out circle). The table has a "2 Column" dropdown menu at the top right. The table rows contain fields: Father Name, Mother Name, Father Cell, and mother Cell.

## Number maintenance for admin number:

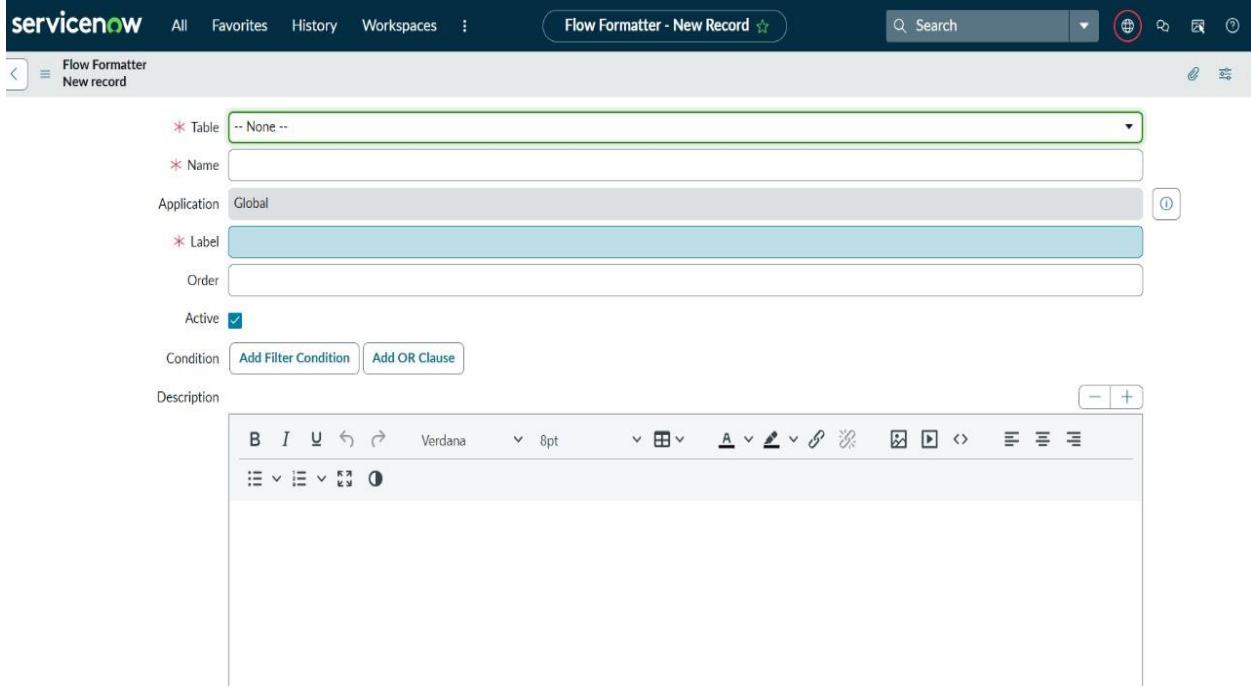


The screenshot shows the ServiceNow interface for creating a new record of type 'Number'. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', and 'Admin'. The title bar says 'Number - New Record'. The form fields are as follows:

- \* Table: A dropdown menu currently showing 'Table'.
- \* Prefix: An empty text input field.
- \* Number: A text input field containing '1,000'.
- Application: A dropdown menu set to 'Global'.
- Number of digits: A text input field containing '7'.

Below the form is a 'Submit' button and a 'Related Links' section with links to 'Show Counter' and a user icon.

## Process flow for Admission Table



The screenshot shows the ServiceNow interface for creating a new record of type 'Flow Formatter'. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', and a 'More' menu. The title bar says 'Flow Formatter - New Record'. The form fields are as follows:

- \* Table: A dropdown menu currently showing '-- None --'.
- \* Name: An empty text input field.
- Application: A dropdown menu set to 'Global'.
- \* Label: A text input field containing 'Admission'.
- Order: An empty text input field.
- Active: A checked checkbox.

Below the form are buttons for 'Add Filter Condition' and 'Add OR Clause'. The 'Description' section contains a rich text editor with various formatting tools like bold, italic, and underline.

## Create Client Scripts:

The screenshot shows the 'Client Script - Auto populate name with table name' configuration page in ServiceNow. The form includes fields for Name (S), Table (Template Permit Rule [sys\_app\_template...]), UI Type (All), Type (onChange), Field name (Table Name), Application (Global), Active (checked), Inherited (unchecked), Global (checked), Description (If Name is empty then auto populate it with Table Name), and a large Script editor containing the following code:

```

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:

The two screenshots demonstrate the outcome of the client script. The top screenshot shows the 'Admission New record' form, where the 'Name' field is populated with the value from the 'Table Name' field ('Table Name'). The bottom screenshot shows the 'Salesforce New record' form, where the 'Name' field is also populated with the value from the 'Table Name' field ('Table Name'). Both screenshots include a 'Submit' button at the bottom.

New Section

New record

Admin Number

Maths

Hindi

Social

Science

Telugu

Percentage

Total

Result

Submit