

# Performance Testing

Date	2 NOV 2025
Team ID	NM2025TMID01550
Project Name	Educational Organization
Maximum Marks	4 Marks

## Setting up Instance

Guided Project    Project Workspace

Educational Organisation Using ServiceNow

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Creating A Table

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Setting Up ServiceNow Instance

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

servicenow All Favorites History Workspaces Admin Table - New Record

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 Global

Create module

Create mobile module

Add module to menu

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:

The screenshot shows the ServiceNow Tables screen for creating a new table named 'Admission'. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', 'Admin', 'Tables', and search and filter icons. The main form has fields for 'Label' (Admission), 'Name' (u\_ux\_admission), and 'Extends table' (Salesforce). To the right, there are options for 'Application' (Global), 'Create module' (checked), 'Create mobile module' (checked), 'Add module to menu' (dropdown set to '-- Create new --'), 'New menu name' (text input), and 'Remote Table' (checkbox). Below the form is a table titled 'Dictionary Entries' with columns for 'Column label', 'Type', 'Reference', 'Max length', 'Default value', and 'Display'. The table contains five rows corresponding to the fields defined in the 'Admission' table.

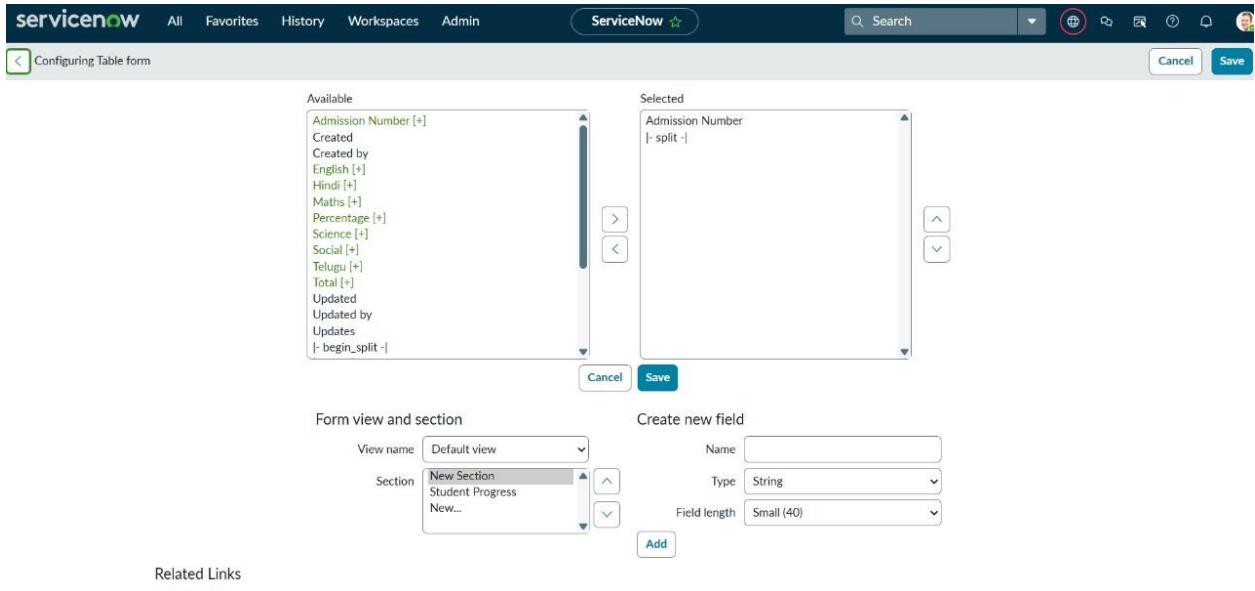
Column label	Type	Reference	Max length	Default value	Display
Father Cell	String	(empty)	40	40	false
Created by	String	(empty)	40		false
Student Name	String	(empty)	40	40	false
Created	Date/Time	(empty)	40		false
mother Cell	String	(empty)	40	40	false

## Create student Progress table:

The screenshot shows the ServiceNow Tables screen for creating a new table named 'Student Progress'. The top navigation bar and application settings are identical to the previous screenshot. The main form has fields for 'Label' (Student Progress), 'Name' (u\_student\_progress), and 'Extends table' (empty). To the right, there are options for 'Application' (Global), 'Create module' (checked), 'Create mobile module' (checked), 'Add module to menu' (dropdown set to '-- Create new --'), 'New menu name' (text input), and 'Remote Table' (checkbox). Below the form is a table titled 'Dictionary Entries' with columns for 'Column label', 'Type', 'Reference', 'Max length', 'Default value', and 'Display'. The table contains five rows corresponding to the fields defined in the 'Student Progress' table.

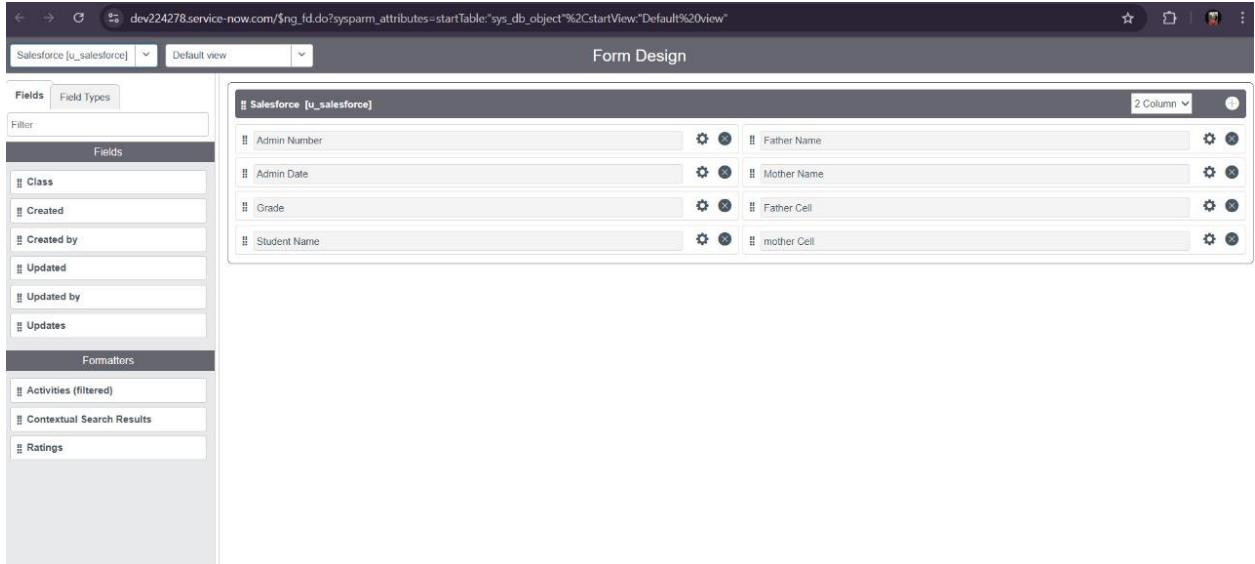
Column label	Type	Reference	Max length	Default value	Display
Created	Date/Time	(empty)	40		false
Telugu	String	(empty)	40		false
English	String	(empty)	40		false
Percentage	String	(empty)	40		false
Total	String	(empty)	40		false

## Layout Form:



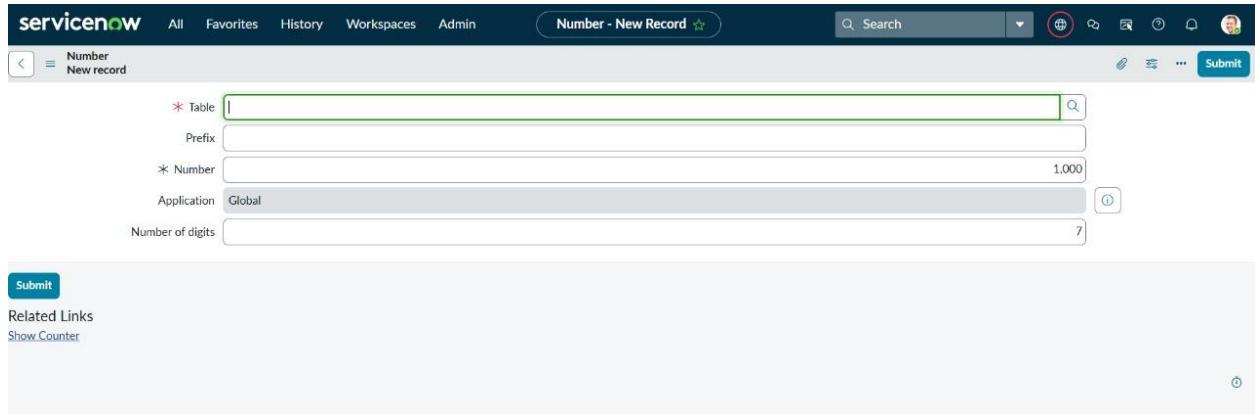
The screenshot shows the ServiceNow 'Configuring Table form' interface. At the top, there's a navigation bar with 'All', 'Favorites', 'History', 'Workspaces', and 'Admin' tabs. The main area has a 'Search' bar and various icons. Below the title, there are two main sections: 'Available' and 'Selected'. The 'Available' section contains fields like 'Admission Number [±]', 'Created', 'Created by', etc. The 'Selected' section contains 'Admission Number [- split -]'. Between them are 'Move Up' and 'Move Down' buttons. At the bottom are 'Cancel' and 'Save' buttons. Below this, there are sections for 'Form view and section' (with 'View name' set to 'Default view' and 'Section' set to 'New Section') and 'Create new field' (with 'Name' empty, 'Type' set to 'String', and 'Field length' set to 'Small (40)'). An 'Add' button is located at the bottom right of the 'Create new field' section. A 'Related Links' section is also present.

## Form Design for Sales force Table:



The screenshot shows the Salesforce 'Form Design' interface for a table named 'Salesforce [u\_salesforce]'. The top navigation bar includes 'dev224278.service-now.com/\$ng\_id.do?sysparm\_attributes=startTable:"sys\_db\_object"%2CstartView:"Default%20view"' and standard browser controls. The main area is titled 'Form Design'. On the left, there's a sidebar with 'Fields' (selected), 'Field Types', and 'Filters'. Under 'Fields', there are lists for 'Class', 'Created', 'Created by', 'Updated', 'Updated by', and 'Updates'. Under 'Formatters', there are 'Activities (filtered)', 'Contextual Search Results', and 'Ratings'. The main workspace displays a 2-column grid of fields. The first column contains 'Admin Number', 'Admin Date', 'Grade', and 'Student Name'. The second column contains 'Father Name', 'Mother Name', 'Father Cell', and 'mother Cell'. Each field has a small icon next to it, likely for editing or deleting.

Number maintenance for admin number:

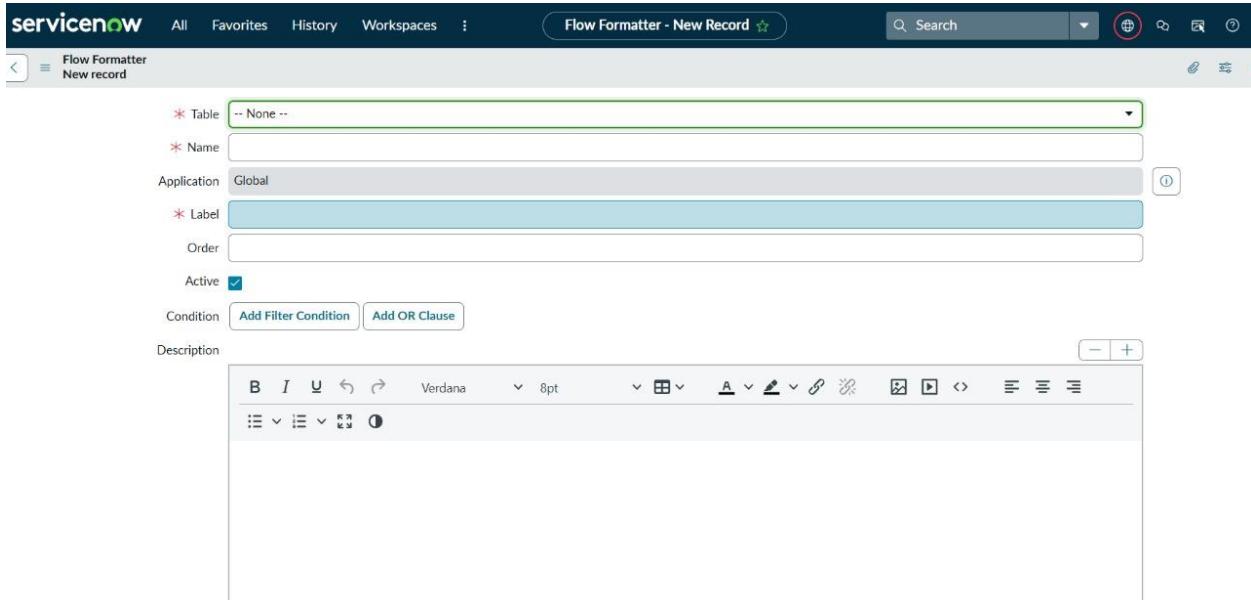


The screenshot shows the 'Number - New Record' form in ServiceNow. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', and 'Admin'. The title bar says 'Number - New Record'. The main form fields are:

- \* Table: A dropdown menu showing 'None'.
- Prefix: An empty text input field.
- \* Number: A text input field containing '1.000'.
- Application: A dropdown menu showing 'Global'.
- Number of digits: A text input field containing '7'.

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

## Process flow for Admission Table



The screenshot shows the 'Flow Formatter - New Record' form in ServiceNow. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', and 'Admin'. The title bar says 'Flow Formatter - New Record'. The main form fields are:

- \* Table: A dropdown menu showing 'None'.
- \* Name: An empty text input field.
- Application: A dropdown menu showing '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'. There is also a rich text editor for 'Description'.

## Create Client Scripts:

The screenshot shows the ServiceNow Client Script configuration page. The title bar says "Client Script - Auto populate name with table name". The form fields include:

- Name: S
- Table: Template Permit Rule [sys\_app\_template...]
- UI Type: All
- Type: onChange
- Field name: Table Name
- Description: If Name is empty then auto populate it with Table Name
- Messages: (empty)
- 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 }
```

## Result:

The screenshot shows the "Admission New record" form. The "school details" tab is selected. The form fields include:

Admin Number	SAL0001003	Admin Date	(empty)
purpose of join	40	Grade	-- None --
Student Name	(empty)	Fee	INR 40.00
Father Name	(empty)	Father Cell	(empty)
Mother Name	(empty)	Mother Cell	(empty)
Admin Status: 32			

**Submit** button is at the bottom left.

The screenshot shows the "Salesforce New record" form. The "school details" tab is selected. The form fields include:

Admin Number	SAL0001004	Father Name	(empty)
Admin Date	(empty)	Mother Name	(empty)
Grade	prept	Father Cell	(empty)
Student Name	(empty)	Mother Cell	(empty)

**Submit** button is at the bottom left.

New Section

New record

Admin Number

Maths

Hindi

Social

Science

Telugu

Percentage

Total

Result