

## Performance Testing

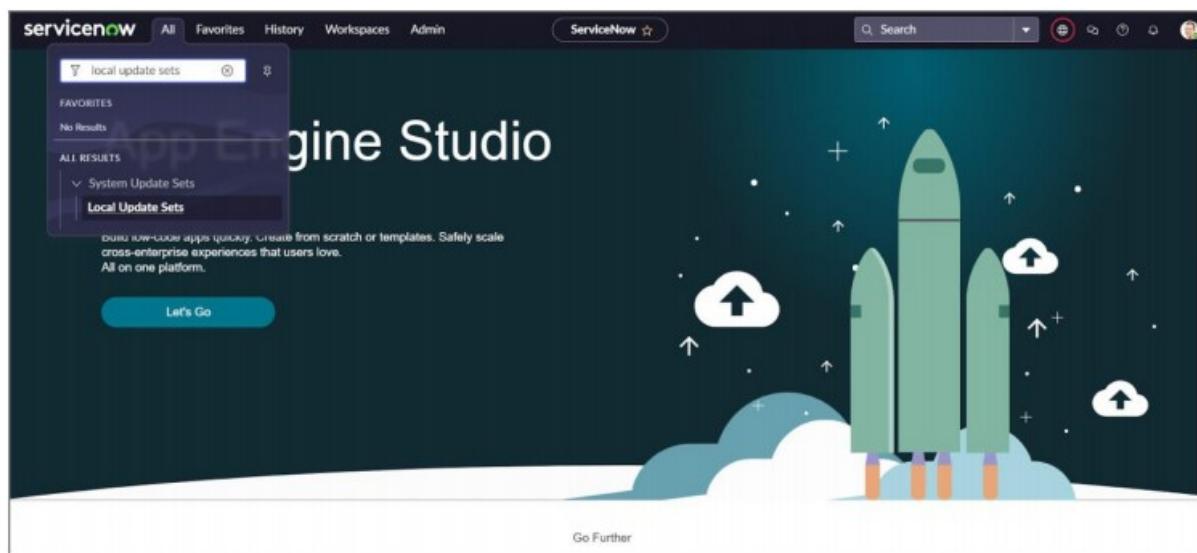
Date	30-10-2025
Team ID	NM2025TMID00843
Project Name	Educational Organization using ServiceNow
Maximum Marks	4 Marks

## Setting up Instance

The screenshot shows a 'Guided Project' interface. At the top, there are tabs for 'Guided Project' and 'Project Workspace'. The main area is titled 'Educational Organisation Using ServiceNow'. A vertical sidebar on the left lists several steps: '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'. To the right of the sidebar, a large box contains the title 'Setting Up ServiceNow Instance' and a numbered list of 7 steps:

- 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.

## Creating a Update Set



# Creating Tables

## Creating Salesforce Table:

The screenshot shows the ServiceNow interface for creating a new table. At the top, the navigation bar includes 'servicenow', 'All', 'Favorites', 'History', 'Workspaces', and 'Admin'. The title bar says 'Table - New Record'. Below the title bar, 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.' A 'More Info' link is provided.

The main form has fields for 'Label' (set to 'Table'), 'Name' (set to 'New record'), and 'Extends table' (set to 'Salesforce'). On the right, configuration options include 'Application' (set to 'Global'), 'Create module' (checked), 'Create mobile module' (checked), 'Add module to menu' (set to '-- Create new --'), 'New menu name' (empty), and 'Remote Table' (unchecked). Below the form is a table titled 'Dictionary Entries' with columns: 'Column label', 'Type', 'Reference', 'Max length', 'Default value', and 'Display'. The table contains one entry: 'Father Cell' (String, empty, 40, 40, false). Buttons at the bottom include 'Submit' and 'Cancel'.

## Create Admission Table:

The screenshot shows the ServiceNow interface for creating a new table named 'Admission'. The top navigation and title bar are identical to the previous screenshot. The 'Label' field is set to 'Admission', 'Name' to 'u\_ux\_admission', and 'Extends table' to 'Salesforce'. Configuration options on the right are identical to the previous screenshot.

The 'Dictionary Entries' table below shows five columns: 'Column label', 'Type', 'Reference', 'Max length', 'Default value', and 'Display'. The entries are:

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

Buttons at the bottom include 'Delete', 'Update', 'Delete All Records', and a 'New' button.

## Create student Progress table:

The screenshot shows the ServiceNow Tables interface for creating a new table. The table is named "Student Progress" with the internal name "u\_student\_progress". The "Application" is set to "Global". Under "Create module", the "Create mobile module" checkbox is 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.

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

## Form Layout

The screenshot shows the ServiceNow Form view and section configuration interface. In the "Available" list, fields like "Admission Number", "Created", "Created by", etc., are listed. In the "Selected" list, "Admission Number" is currently selected. Below this, the "Form view and section" section shows "View name: Default view" and "Section: New Section". The "Create new field" section allows adding a new string field named "New Section" with a maximum length of 40 characters.

## Form Design

## Creating Form Design for Salesforce Table:

The screenshot shows the ServiceNow Form Design interface for a table named "Salesforce [u\_salesforce]". The main area 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". On the left side, there is a sidebar with sections for "Fields" and "Field Types", and a "Formatters" section containing "Activities (filtered)", "Contextual Search Results", and "Ratings".

## Creating Form Design for Student progress Table:

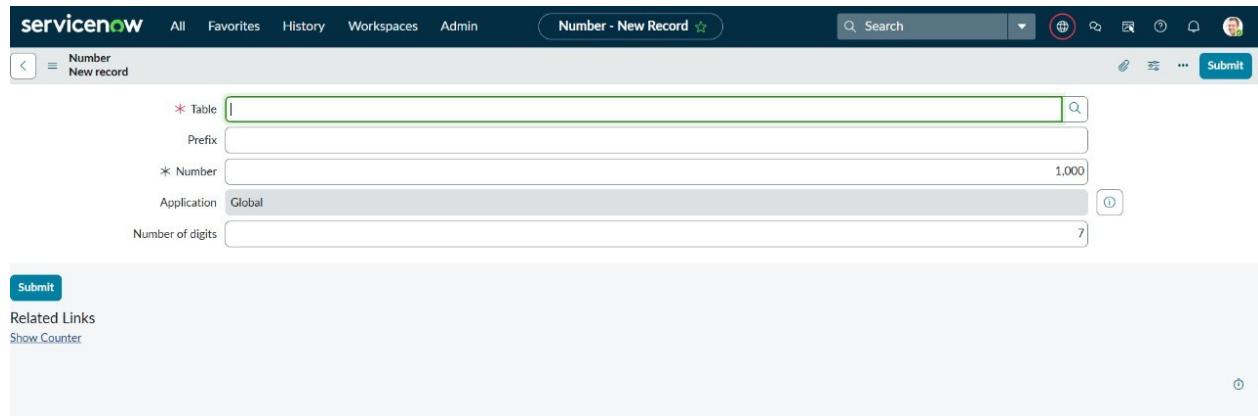
The screenshot shows the ServiceNow Form Design interface for a table named "Admission [x\_admission]". The main area displays a form with several sections: "Admission Details" (with fields like Admin Number, Admin Date, Grade, Purpose of Visit, Student Name, Father Name, Mother Name), "Comments", "School Details" (with field School), and "Address" (with fields Postcode, Model, House No). On the left side, there is a sidebar with sections for "Fields" and "Field Types", and a "Formatters" section containing "Activities (filtered)", "Contextual Search Results", and "Ratings".

## Creating Form Design for Student progress Table

The screenshot shows the ServiceNow Form Design interface for a table named "Student Progress [x\_studc]". The main area displays a form with sections: "New Sections" (containing "Admission Number"), "Admission Number" (with fields Grade, Student Name, Father Name, Mother Name, Father Cell, Mother Cell), and "Student Progress" (with fields Telugu, Hindi, English, Maths, Science, Total, Percentage, Result). On the left side, there is a sidebar with sections for "Fields" and "Field Types", and a "Formatters" section containing "Activities (filtered)", "Contextual Search Results", and "Ratings".

## Number Maintenance

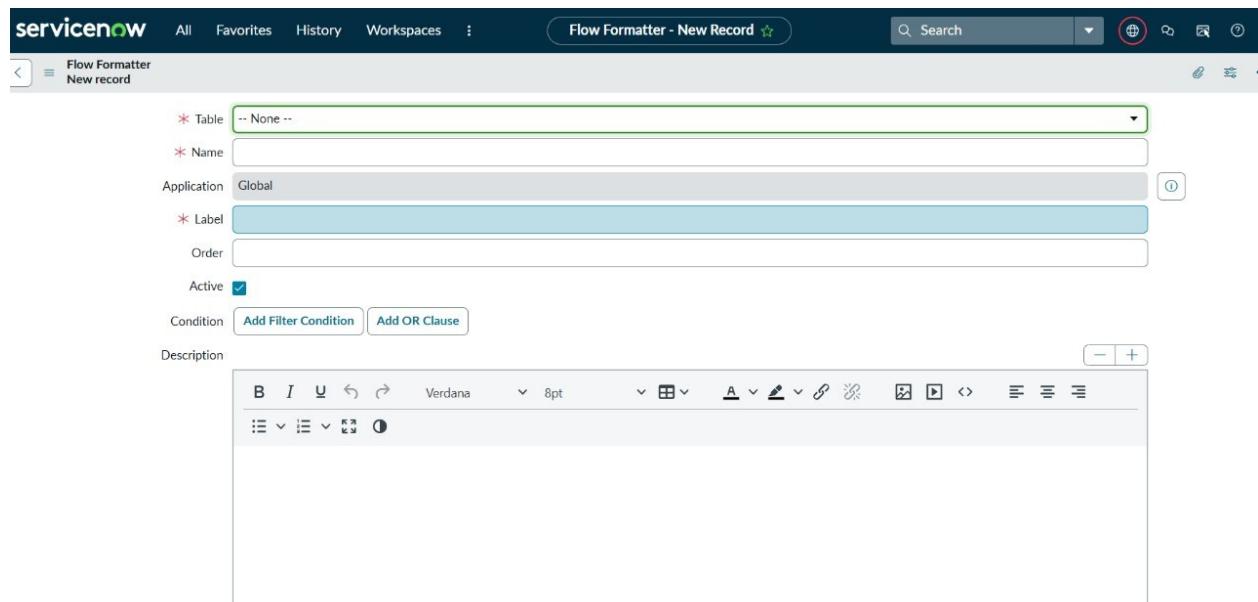
Creating Number Maintenance for Admin Number



The screenshot shows the ServiceNow interface for creating a new number record. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', and 'Admin'. The title bar says 'Number - New Record'. The main form has fields for 'Table' (set to 'I'), 'Prefix' (empty), 'Number' (set to '1,000'), 'Application' (set to 'Global'), and 'Number of digits' (set to '7'). A 'Submit' button is at the bottom left, and a 'Related Links' section below it contains 'Show Counter'.

## Process Flow

Creating Process Flow for Admission Table



The screenshot shows the ServiceNow interface for creating a new flow formatter record. The top navigation bar includes 'All', 'Favorites', 'History', 'Workspaces', and 'Flow Formatters'. The title bar says 'Flow Formatter - New Record'. The main form has fields for 'Table' (set to '-- None --'), 'Name' (empty), 'Application' (set to 'Global'), 'Label' (highlighted in blue), 'Order' (empty), and 'Active' (checkbox checked). Below these are 'Condition' buttons for 'Add Filter Condition' and 'Add OR Clause'. A 'Description' section features a rich text editor toolbar and a large text area for entering text.

## Create Client Scripts

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:** S

**Table:** Template Permit Rule [sys\_app\_template...]

**UI Type:** All

**Type:** onChange

**Field name:** Table Name

**Application:** Global

**Active:**

**Inherited:**

**Global:**

**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

**Salesforce New record**

Admin Number	SAL0001004	Father Name	
Admin Date		Mother Name	
Grade	prept	Father Cell	
Student Name		Mother Cell	

**Submit**

**Admission New record**

New Section	New Section	school details	Address
Admin Number	SAL0001003	Admin Date	
purpose of join	40	Grade	-- None --
Student Name		Fee	INR 40.00
Father Name		Father Cell	
Mother Name		Mother Cell	
		Admin Status	32

**Submit**

New Section

New record

Admin Number

New Section

Maths

Hindi

Social

Science

Telugu

Percentage

Total

Result

Submit