

Performance Testing

Date	
Team ID	NM2025TMID01550
Project Name	Educational Organization
Maximum Marks	4 Marks

Setting up Instance

The screenshot shows the Smart Internz application interface. On the left, there's a sidebar with navigation links: Home, Projects (selected), and Support. The main area is titled "Guided Project" and "Project Workspace". A green box highlights the "Educational Organisation Using ServiceNow" project. Below it, a vertical list of steps is shown in orange boxes: "Setting Up ServiceNow Instance", "Creating A Update Set", "Creating A Table", "Form Layout", "Form Design", "Number Maintenance", "Process Flow", "Client Script", and "Result". To the right of the list, a large box contains the project title and a brief description: "The Educational Management System is a comprehensive platform designed to streamline administrative tasks within educational institutions. It facilitates efficient management of student and teacher data, simplifies the admission process, and provides tools for monitoring student progress."

Create Salesforce tables

The screenshot shows the ServiceNow interface for creating a new table. At the top, a message says: "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](#)". Below this, a table is being created with the following details:

- * Label: Salesforce
- * Name: u_salesforce
- Application: Global
- Remote Table: (checkbox)

Below the table creation form, a list of dictionary entries for the 'Salesforce' table is displayed. The table has columns: Column label, Type, Reference, Max length, Default value, and Display. The entries are:

Column label	Type	Reference	Max length	Default value	Display
Sys ID	Sys ID (GUID)	(empty)	32		false
Father Name	String	(empty)	40		false
Mother Cell	String	(empty)	40		false
Created by	String	(empty)	40		false
Admin Number	String	(empty)	40	javascript:getNextObjNumberPadded();	true
Mother Name	String	(empty)	40		false
Student Name	String	(empty)	40		false
Father Cell	String	(empty)	40		false
Updated by	String	(empty)	40		false
Updates	Integer	(empty)	40		false

Create Admission Table:

The screenshot shows the 'Table Definition' interface for the 'Admission' table. At the top, there are fields for 'Label' (set to 'Admission') and 'Name' (set to 'u_ux_admission'). Below this is a navigation bar with tabs for 'Columns', 'Controls', and 'Application Access'. The 'Table Columns' section contains a table with the following columns:

Column label	Type	Reference	Max length	Default value	Display
Sys ID	Sys ID (GUID)	(empty)	32	false	
House No	String	(empty)	40	false	
Updated by	String	(empty)	40	false	
District	String	(empty)	40	false	
City	String	(empty)	40	false	
Area	String	(empty)	40	false	
Comments	String	(empty)	255	false	
Class	String	(empty)	40	false	
Created by	String	(empty)	40	false	
Mandal	String	(empty)	40	false	

Create student Progress table:

The screenshot shows the 'Table Definition' interface for the 'Student Progress' table. At the top, there are fields for 'Label' (set to 'Student Progress') and 'Name' (set to 'u_student_progress'). Below this is a navigation bar with tabs for 'Columns', 'Controls', and 'Application Access'. The 'Table Columns' section contains a table with the following columns:

Column label	Type	Reference	Max length	Default value	Display
Sys ID	Sys ID (GUID)	(empty)	32	false	
Updated by	String	(empty)	40	false	
Science	String	(empty)	40	false	
Admission Number	String	(empty)	40	false	
Percentage	String	(empty)	40	false	
Total	String	(empty)	40	false	
Result	String	(empty)	40	false	
English	String	(empty)	40	false	
Created by	String	(empty)	40	false	
Hindi	String	(empty)	40	false	

Layout Form:

Table
Student Progress

Updates	Integer	(empty)	40	false
Updated	Date/Time	(empty)	40	false
Created	Date/Time	(empty)	40	false
Insert a new row...				

Delete Update Delete All Records

Related Links

- Form Builder
- Design Form
- Layout Form**
- Layout List
- Show Form
- Show List
- Show Schema Map
- Add to Service Catalog
- Run Point Scan
- Explore REST API

Access Controls (4) Security Data Filters Labels (1) Database Indexes (1) Table Subscription Configuration (1)

Name	Decision Type	Operation	Type	Active	Updated by	Updated
u_student_progress	Allow If	read	record	true	admin	2025-11-01 03:28:06
u_student_progress	Allow If	write	record	true	admin	2025-11-01 03:28:06
u_student_progress	Allow If	create	record	true	admin	2025-11-01 03:28:05
u_student_progress	Allow If	delete	record	true	admin	2025-11-01 03:28:06

Form Design for Sales force Table:

Salesforce [u_salesforce] Default view

Form Design

Fields Field Types

Filter

Fields

- Created
- Created by
- Updated
- Updated by
- Updates

Formatters

- Activities (filtered)
- Contextual Search Results
- Ratings

Salesforce [u_salesforce]

2 Column	
Admin Number	Father Name
Admin Date	Mother Name
Grade	Father Cell
Student Name	Mother Cell

Number maintenance for admin number:

The screenshot shows a form titled "Number New record". It includes fields for "Table" (set to "Salesforce"), "Prefix" (set to "SAL"), "Number" (set to "1,000"), "Application" (set to "Global"), and "Number of digits" (set to "2"). There is a "Submit" button at the top right and a "Related Links" section with a "Show Counter" link.

Process flow for Admission Table

The screenshot shows a form titled "Flow Formatter New record". It includes fields for "Table" (dropdown menu showing "- None -"), "Name" (empty), "Application" (set to "Global"), "Label" (empty), "Order" (empty), and "Active" (checkbox checked). Below these are buttons for "Add Filter Condition" and "Add OR Clause". A "Description" section with a minus and plus sign is also present. At the bottom left is a "Submit" button.

Create Client Scripts:

Client Script
New record

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 for all new globally-scoped client-side scripts set the system property "glide.script.block.client.globals" to false.

Name	Auto populate	Application	Global
Table	Admission [u_ux_admission]	Active	<input checked="" type="checkbox"/>
UI Type	Desktop	Inherited	<input type="checkbox"/>
Type	onChange	Global	<input checked="" type="checkbox"/>
Field name	-- None --		
Description			
Messages			
Script	<pre> 1 function onchange(control, oldValue, newValue, isLoading, isTemplate) { 2 if (isLoading newValue === '') { 3 return; 4 } 5 //Type appropriate comment here, and begin script below 6 7 8 }</pre>		
Isolate script	<input type="checkbox"/>		

Result:

Admission
New record

New Section

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
<input type="button" value="Submit"/>			

Salesforce
New record

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

New Section

New record

Admin Number

Maths

Hindi

Social

Science

Telugu

Percentage

Total

Result

Submit