

. FUNCTIONAL AND PERFORMANCE TESTING

6.1 Performance Testing :

Milestone-1 : Setting up service now 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.

Milestone -2 : Creating a Update Set

1. Click on All >> Local update sets .
2. Click on new
3. Enter the Details Name: Educational Organisation >> Click on Submit and make Current

Milestone-3 : Creating a table

Activity -1 : Creating a Salesforce Table

The screenshot shows the ServiceNow Table Builder interface for a table named "Student Progress". The table has the following fields:

Field Name	Field Type	Field Value	Field Length
Created by	String	(empty)	40
Social	String	(empty)	40
Hindi	String	(empty)	40
Science	String	(empty)	40
Percentage	String	(empty)	40
Telugu	String	(empty)	40
Updated by	String	(empty)	40
Maths	String	(empty)	40
Sys ID	Sys ID (GUID)	(empty)	32

Below the table, there are buttons for "Delete", "Update", and "Delete All Records".

Related Links:

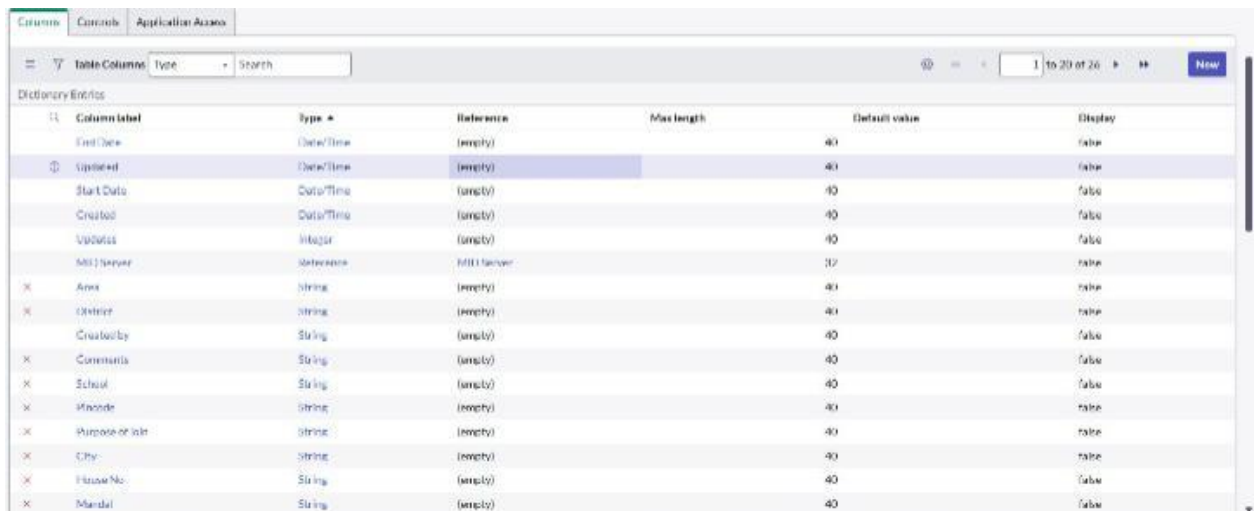
- Form Builder
- Design Form
- Layout Form
- Layout List
- Show Form
- Show List
- Show Schema Map
- Add to Service Catalog
- Run Point Scan
- Explore REST API

- “Admin Number” Give Display as True and right click on the toggle bar on top >> save
- Click on controls >> Enable Extensible.

- Click on “Admin Number” column, In Related Links Click on Advanced View >> Default View (Enable Use dynamic default)All >> tables
- Click on new
- Enter the Label(Anything you want): Salesforce >> Click on Name it will Automatically generate Api name.
- Create columns as given below,Double Click on Column label and Enter the Column labels and click on the tick mark >> Give Type as given .
 - For “Ad >> select Get Next Padded Number in Dynamic default value >> Update .
- Click on “Grade” Column >> Click on Choices and give Label,Value and Sequence as given below.

Activity 2 : Creating Admission Table

- Create an Admission Table with Columns given.



Column label	Type *	Reference	Max length	Default value	Display
End Date	Date/Time	(empty)		40	false
Updated	Date/Time	(empty)		40	false
Start Date	Date/Time	(empty)		40	false
Created	Date/Time	(empty)		40	false
Updates	Integer	(empty)		40	false
MSI Server	Reference	MSI Server		12	false
Area	String	(empty)		40	false
Gender	String	(empty)		40	false
Created by	String	(empty)		40	false
Comments	String	(empty)		40	false
School	String	(empty)		40	false
Pincode	String	(empty)		40	false
Purpose of join	String	(empty)		40	false
City	String	(empty)		40	false
House No.	String	(empty)		40	false
Mandal	String	(empty)		40	false

- Select Extends Table >> Salesforce and also Select Add module to menu >> Salesforce.
- Create Fields as shows
- Create choice for Admin Status as
- Create choice for Pincode as:
- Create choice for Purpose of Join as:
- Create choice for School as:
- Create choice for School Area a

Activity -3 : Creating Student Progress Table

- Create a Student Progress Table with Columns given.
- Select Add module to menu >> Salesforce.
- Create Fields as shown:

Table Student Progress			
Created by	String	(empty)	40
Social	String	(empty)	40
Hindi	String	(empty)	40
Science	String	(empty)	40
Percentage	String	(empty)	40
Telugu	String	(empty)	40
Updated by	String	(empty)	40
Maths	String	(empty)	40
Sys ID	Sys ID (GUID)	(empty)	32

[Delete](#)
[Update](#)
[Delete All Records](#)

Related Links
[Form Builder](#)
[Design Form](#)
[Layout List](#)
[Show Form](#)
[Show List](#)
[Show Schema Map](#)
[Add to Service Catalog](#)
[Run Point Scan](#)
[Export to REST API](#)

Milestone – 4 : Configuring Table form for Student Progress Table

- In the Student Progress Table Page , Click on Layout form .
- Click on Admission Number [+].
- Select below Admission Number fields in Available side and send it to selected side as below >> save

Milestone – 5 : FORM DESIGN

Activity – 1: Creating Form Design for Salesforce Table

servicenow All Favorites History Workspaces Admin ServiceNow

Configuring Table form

Available

- Admission Number [+]
- Created
- Created by
- Updated
- Updated by
- Updates
- begin_split -
- split -
- end_split -
- * Annotation
- * Chart
- Activities (filtered)
- Contextual Search Results
- Ratings
- Attachments

Selected

- begin_split -
- Telugu
- Result
- Total
- Social
- split -
- Hindi
- Science
- Percentage
- Maths
- end_split -
- Admission Number

Cancel Save

Form view and section

View name: Default view

Section: Student Progress

Create new field

Name:

Type: String

Field length: Small (40)

Add

Related links

- All >> System Definition >> Tables

- In Label Search for Salesforce and open
- Right Click on top Toggle >> Configure >> Form Design.
- In drop down select Salesforce(u_salesforce).
- Drag and drop the fields to the left side as below.

Save.

Activity -2 : Creating Form Design for Admission Table

Follow the same steps as Activity1,Configure the fields as below and Save.

Activity -3 : Creating Form Design for Student progress Table

Follow the same steps as Activity1,Configure the fields as below and Save.

Milestone -6 : Number maintenance

Creating Number Maintenance for Admin Number

- All >> Number Maintenance >> Ne
- Fill the details >>submit

Milestone – 7 Process Flow

Creating Process Flow for Admission Table

- All >> Process Flow>> New.
- Fill the Details as given Below
- Right Click on toggle and click on the save
- Replace the Name and Label as below and click on Insert on stay.
- Replace the Name and Label in order and click on Insert on stay.

Joined >> Rejected >> Rejoined >> Closed >> Cancelled.

The screenshot shows a 'How to format' dialog box. It has a 'Save' button and a 'Delete' button. The 'Name' field is 'Admission [u_admission]'. The 'Label' field is 'In progress'. The 'Icon' field is 'Global'. The 'Order' field is 'In progress'. There are 'Add Filter Condition' and 'Add OR Clause' buttons. A dropdown menu is open, showing 'Admin Status' with 'Is' and 'New' selected. The 'AND' and 'OR' buttons are visible. The 'View' button is checked. The 'History' button is also visible. The 'Reload form' button is at the bottom. The 'Format' button is at the bottom right.

- Order should be New >> InProgress >> Joined >> Rejected >> Rejoined >> Closed >> Cancelled.

Milestone – 8 : Creating “Percentage” Client Scripts for Student progress Table

Fill the Details as given.

Client Script
disable fields on out-of-scope table

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

Name:

Table:

UI Type:

Type:

Application:

Active: ☒

Inherited: ☐

Global: ☒

Description:

Messages:

Script

```

1 function onLoad() {
2   limitDataPolicyRuleOnOutOfScopeTable();
3 }
4
5 function limitDataPolicyRuleOnOutOfScopeTable() {
6   var tableName = g_form.getValue("table");
7   var outOfScope = !isTableInScope(tableName);
8   g_form.setReadOnly("mandatory", outOfScope);
9 }
10
11 function isTableInScope(tableName) {
12   if (tableName == "")

```

Write the Code as below, Enable Isolate script and Save.

```

Function onChange(control, oldValue, newValue, isLoading, isTemplate) {
If (isLoading || newValue === '') {
    Return;}
//Type appropriate comment here, and begin script below
Var Total = g_form.getValue('u_total');
Var Percentage = (Total/600)*100;
G_form.setValue('u_percentage',Percentage+'%')}

```