

. 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 Editor for a table named 'Student Progress'. The table has the following columns:

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

Below the table, there are buttons for 'Delete', 'Update', and 'Delete All Records'. Under 'Related Links', there are links for 'Form Builder', 'Design Form', 'Layout Form', 'Layout List', 'Show Form', 'Show List', 'Show Schema Map', 'Add to Service Catalog', 'Run Point, Run', and '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.

ColumnsControlsApplication Access

Table ColumnsTypeSearch

1To 20 of 26New

Dictionary Entries

	Column label	Type *	Reference	Max length	Default value	Display
	End Date	Date/Time	(empty)		40	none
	Updated	Date/Time	(empty)		40	none
	Start Date	Date/Time	(empty)		40	none
	Created	Date/Time	(empty)		40	none
	UpdatedAt	Date/Time	(empty)		40	none
	Admission Number	Integer	Auto Increment		10	none
X	Area	String	(empty)		40	none
X	Contact	String	(empty)		40	none
	Gender	String	(empty)		40	none
X	Comments	String	(empty)		40	none
X	School	String	(empty)		40	none
X	Pincode	String	(empty)		40	none
X	Purpose of Join	String	(empty)		40	none
X	City	String	(empty)		40	none
X	House No.	String	(empty)		40	none
X	Mandal	String	(empty)		40	none

- 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			
Field	Type	Default Value	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

[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 Robot Script](#)
[Evaluate 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 Search

Configuring Table form

Available

- Admission Number [+]
- Created
- Created by
- Updated
- Updated by
- Updated
- > 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 New...

Create new field

Name:

Type: String

Field length: Small (40)

Add

Default view links

- All >> System Definition >> Tables

- Save.

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

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

Creating Number Maintenance for Admin Number

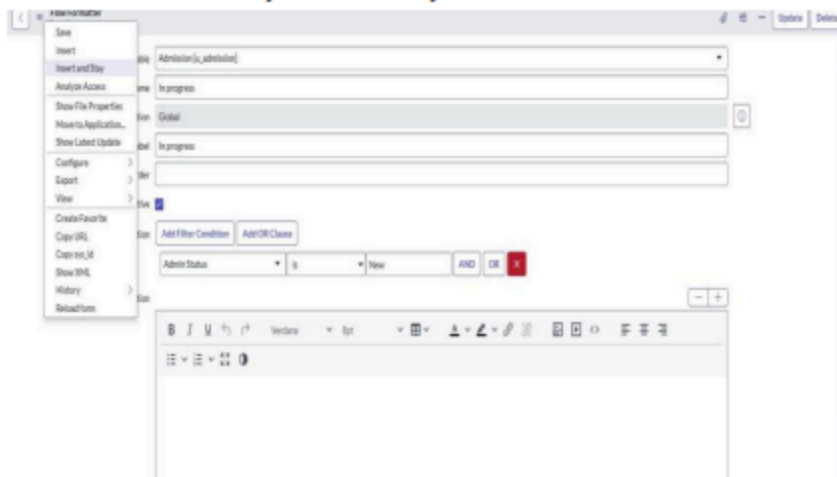
- [illegible]

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.

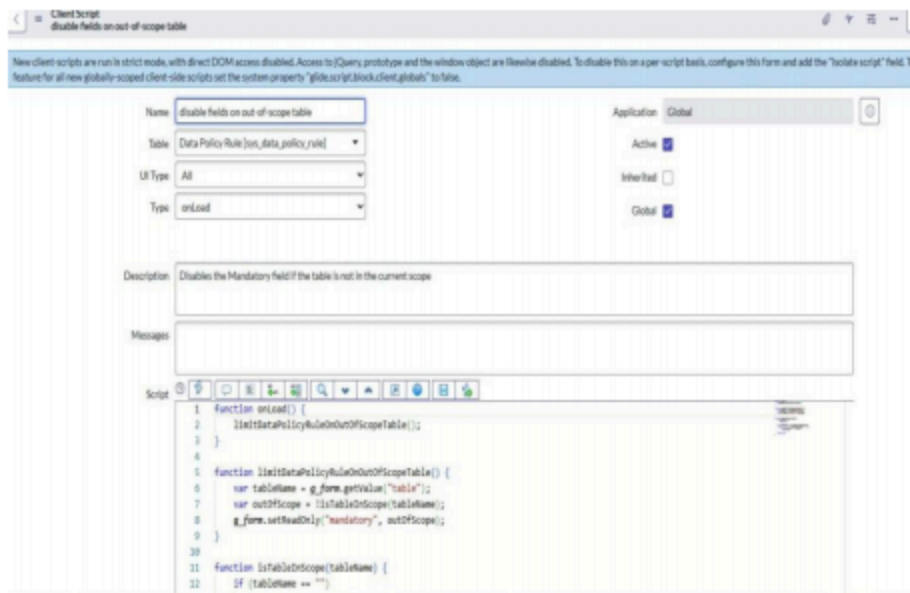
Joined >> Rejected >> Rejoined >> Closed >> Cancelled.



- 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.



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+'%')}
  
```