

## 4. PROJECT DESIGN:

### Proposed Solution:

Project team shall fill the following information in the proposed solution template

S.no	Parameter	Description
1	Problem statement (Problem to be solved)	The educational organization faces significant challenges with its current IT service management system, including inefficient manual processes, lack of automation, and limited visibility into IT operations.
2	Idea /Solution description	The proposed solution involves implementing ServiceNow in the educational organization to streamline IT service management, enhance user experience, and improve asset management.
3	Novelty/Customer	The project brings novelty to the educational organization by leveraging ServiceNow's cutting-edge technology to transform IT service management. Its uniqueness lies in providing a tailored solution that caters to the specific needs of the educational sector, enhancing student, faculty, and staff experiences.
4	Social impact/Customer satification	The implementation of ServiceNow in the educational organization is expected to have a significant social impact by enhancing the overall experience of students,

		faculty, and staff. By providing efficient and timely IT support, the organization can improve customer satisfaction, reduce frustration, and increase productivity.
5	Business model(Revenue Model)	The business model for the educational organization using ServiceNow involves cost savings and efficiency gains through streamlined IT operations.
6	Scalibility of the solution	The ServiceNow solution for the educational organization is designed to be highly scalable, allowing it to adapt to growing demands and evolving needs.

## Educational organization using service now

### Project description:

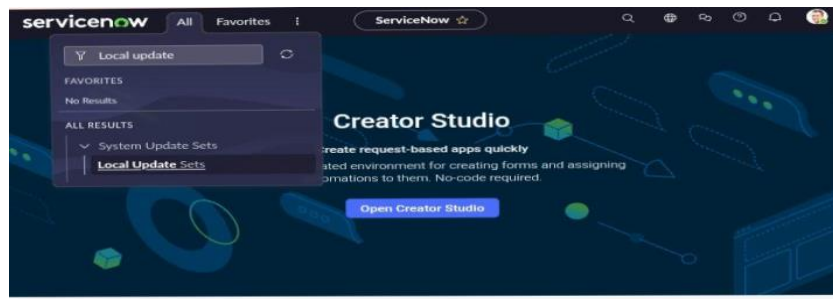
The Educational management system comprehensive platform designed to streamline administrative tasks within educational Institutions. It facilitates efficient management of student and teacher data, simplifies the admission process, and provides tools for monitoring student progress.

### 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

Name	Application	State	Installed from	Created	Created by	Parent	Batch Base
Default	Pipeline	In progress		2025-06-12 20:55:25	system	(empty)	(empty)
Default	Security Center	In progress		2025-04-02 10:41:58	system	(empty)	(empty)
Default	Global	In progress		2025-04-02 08:59:00	system	(empty)	(empty)
Default	Now Assist Troubleshooting	In progress		2025-04-02 10:41:08	admin	(empty)	(empty)

3. Enter the Details Name: Educational Organisation >> Click on Submit and make Current.

Update Set - Create...

Name: Educational organization

Application: Global

State: In progress

Parent:

Release date:

Description:

Submit Submit and Make Current

## Milestone-3 : Creating a table

### Activity -1 : Creating a Salesforce Table

- All >> tables

- Click on new

Label	Name	Extends table	Extends table	Updated
Account Subscriptions Enforcement	account_subscriptions_enforcement	Extends table	Extends table	2025-04-02 09:47:13
Adaptive Authentication Event	adaptive_auth_event	Extends table	Extends table	2025-04-02 09:22:59
Agent Asset Recommendation	agent_asset_recommendation	Application File	Extends table	2025-04-02 09:24:40
API Server File	api_server_file	Extends table	Extends table	2025-04-02 09:23:14
Record Producer Configuration	record_producer_config	Application File	Extends table	2025-04-02 09:30:16
Search Actions	search_actions	Application File	Extends table	2025-04-02 09:30:16
AI Search ACL Overview	ais_acl_overview	Application File	Extends table	2025-04-02 09:39:41
AI Search Active Table Ingestion Tracker	ais_active_table_ingestion_tracker	Extends table	Extends table	2025-04-02 09:39:39
AI Search Async Garbage Result	ais_async_garbage_result	Extends table	Extends table	2025-04-02 09:39:44
AI Search Async Request	ais_async_request	Extends table	Extends table	2025-04-02 09:39:45
AI Search Child Table	ais_child_table	Application File	Extends table	2025-04-02 09:39:43
AI Search Configuration Attribute	ais_configuration_attribute	Extends table	Extends table	2025-04-02 09:39:39
AI Search Connection	ais_connection	Extends table	Extends table	2025-04-02 09:39:44
AI Search Country To Search Languages	ais_country_to_search_languages	Application File	Extends table	2025-04-02 09:39:45
Custom Matcher	ais_custom_matcher	Application File	Extends table	2025-04-02 09:39:42
AI Search Indexed Source	ais_indexed_source	Application File	Extends table	2025-04-02 09:39:44
AI Search Indexed Source Attribute	ais_indexed_source_attribute	Application File	Extends table	2025-04-02 09:39:39

- Enter the Label(Anything you want): Salesforce >> Click on Name it will Automatically generate Api name.

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: Salesforce

Name: u.salesforce

Extends table:

Application: Global

Create module: ☒

Create mobile module: ☒

Add module to menu: Create new

New menu name: Salesforce

Remote Table: ☐

- 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 .



Q	Column label	Type	Reference	Max length	Default value	Display
X	Admin date	Date	[empty]	40		False
X	Admin Number	String	[empty]	40 (java.lang.Integer)		True
X	Father cell	String	[empty]	40		False
X	Father Name	String	[empty]	40		False
X	Grade	Choice	[empty]	40		False
X	Mother Cell	String	[empty]	40		False
X	Mother Name	String	[empty]	40		False
X	Student Name	String	[empty]	40		True

- For “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) >> select Get Next Padded Number in Dynamic default value >> Update .

Control List Specifications   Calculated Values   **Default Values**

The Default values specifies what value the field has when first displayed.

Use dynamic default: ☒

Dynamic default value:

Delete Column   Update

Related Links

[How Table](#)  
[on Point Scan](#)  
[Related Links](#)

- Click on “Grade” Column >> Click on Choices and give Label, Value and Sequence as given below.

Dictionary Entry  
Grade  
Run Point Scan  
Advanced view

Access Controls   **Choices**   Attributes   Labels (3)

Value   Search

Choice	Label	Value	Language	Sequence	Inactive	Updated
<input type="radio"/>	Propt	Propt	en	1	False	2023-06-26 22:10:50
<input type="radio"/>	Nursery	Nursery	en	2	False	2023-06-26 22:11:16
<input type="radio"/>	UNG	UNG	en	3	False	2023-06-26 22:11:29
<input type="radio"/>	1	1	en	4	False	2023-06-26 22:11:31
<input type="radio"/>	2	2	en	5	False	2023-06-26 22:11:42
<input type="radio"/>	3	3	en	6	False	2023-06-26 22:11:18
<input type="radio"/>	4	4	en	7	False	2023-06-26 22:11:53
<input type="radio"/>	5	5	en	8	False	2023-06-26 22:40:00
<input type="radio"/>	6	6	en	9	False	2023-06-26 22:12:01
<input type="radio"/>	7	7	en	10	False	2023-06-26 22:12:10
<input type="radio"/>	8	8	en	11	False	2023-06-26 22:42:14
<input type="radio"/>	9	9	en	12	False	2023-06-26 22:12:19
<input type="radio"/>	10	10	en	13	False	2023-06-26 22:42:23

Create a new entry...

## Activity 2 : Creating Admission Table

- Create an Admission Table with Columns given.
- Select Extends Table >> Salesforce and also Select Add module to menu >> Salesforce.
- Create Fields as shown

- Create choice for Admin Status as:

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
Updated	Integer	(empty)	40		false
Full Name	String	(empty)	100		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

- Create choice for Pincode as:

Label	Value	Language	Sequence	Inactive	Updated
509058	509058	en	1	false	2025-06-23 22:34:58
500081	500081	en	2	false	2025-06-23 22:36:06
500079	500079	en	3	false	2025-06-23 22:36:05

- Create choice for Purpose of Join as:

Access Controls						
Choices (0)						
Attributes						
Labels (1)						
<div> <div>Value</div> <div>Search</div> </div> <div> <div>Actions on selected rows...</div> <div>New</div> </div>						
Choices						
<input type="checkbox"/>	Label	Value	Language	Sequence	Inactive	Updated
<input type="checkbox"/>	Tuition	Tuition	en	1	false	2025-06-24 00:19:09
<input type="checkbox"/>	Teacher	Teacher	en	3	false	2025-06-24 00:19:49
<input type="checkbox"/>	Coaching	Coaching	en	2	false	2025-06-24 00:19:39
1 to 3 of 3						

- Create choice for School as:

Access Controls						
Choices (0)						
Attributes						
Labels (1)						
<div> <div>Value</div> <div>Search</div> </div> <div> <div>Actions on selected rows...</div> <div>New</div> </div>						
Choices						
<input type="checkbox"/>	Label	Value	Language	Sequence	Inactive	Updated
<input type="checkbox"/>	Tuition	Tuition	en	1	false	2025-06-24 00:19:09
<input type="checkbox"/>	Teacher	Teacher	en	3	false	2025-06-24 00:19:49
<input type="checkbox"/>	Coaching	Coaching	en	2	false	2025-06-24 00:19:39
1 to 3 of 3						

- Create choice for School Area a

Access Controls						
Choices (2)						
Attributes						
Labels (1)						
<div> <div>Value</div> <div>Search</div> </div> <div> <div>Actions on selected rows...</div> <div>New</div> </div>						
Choices						
<input type="checkbox"/>	Label	Value	Language	Sequence	Inactive	Updated
<input type="checkbox"/>	Near Marker	Near Marker	en	1	false	2025-06-24 02:39:11
<input checked="" type="checkbox"/>	Near blue Stand	Near blue Stand	en	2	false	2025-06-24 02:40:24
1 to 2 of 2						

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

#### Milestone - 4 Configuring Table form for Student Progress Table

- In the Student Progress Table Page , Click on Layout form .
- Click on Admission Number [+] .

Favorites

History

Workspaces

Admin

ServiceNow

Search

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
New...

Create new field

Name:
Type: String
Field length: Small (40)

Add

Related Links

- 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

- All >> System Definition >> Tables
- In Label Search for Salesforce and open

servicenow All Favorites Tables					
All > Update name is not empty > Name >= Salesforce					
Label	Name	Extends table	Extensible	Updated	
Search	Search	Search	Search	Search	
salesforce	saml2_assertion_attribute	Application File	false	2025-06-25 00:08:56	
SAML2 Assertion Keystore	saml2_assertion_keystore	(empty)	false	2025-04-02 08:36:23	
SAML2 Assertion Producer	saml2_assertion_producer	Application File	false	2025-04-02 08:36:24	
Client Access	samp_client_access	(empty)	false	2025-04-02 08:44:50	
Oracle Options	samp_oracle_options	(empty)	false	2025-04-02 08:49:03	
Custom Software Product Lifecycle	sam_custom_sw_product_lifecycle	Software Product Lifecycle	false	2025-04-02 08:42:23	
Software Product Lifecycle	sam_sw_product_lifecycle	(empty)	true	2025-04-02 08:42:23	
BaseLines	sa_baselines	(empty)	false	2025-04-02 09:22:35	
Business Service User preferences	sa_business_service_user_prefs	(empty)	false	2025-04-02 09:22:44	
Contextual color and icon	sa_contextual_colors_and_icons	(empty)	false	2025-04-02 08:42:34	
Menu Action	sa context menu	Application File	false	2025-04-02 09:22:34	

- Right Click on top Toggle >> Configure >> Form Design.

Table - salesforce

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: salesforce

\* Name: saml2\_assertion\_attribute

Extends table: Application File

Application: Global

Remote Table: ☐

Columns Controls Application Access

Table Columns Type Search

Dictionary Entries

Column label	Type	Reference	Max length	Default value	Display
Type	Choice	(empty)	40	string	false
Admin Date	Date	(empty)	40		false
Updated	Date/Time	(empty)	40		false
Created	Date/Time	(empty)	40		false
Updates	Integer	(empty)	40		false
Application	Reference	Application	32	javascript:(((typeof parent == 'object')...	false
Package	Reference	Package	32		false
Assertion Producer	Reference	SAML2 Assertion Producer	32		false
Name	String	(empty)	255		false
Created by	String	(empty)	40		false

- In drop down select Salesforce(u\_salesforce).
- Drag and drop the fields to the left side as below.

Table [sys\_db\_object] Default view

Search: Salesforce

salesforce [u\_salesforce]

salesforce [u\_salesforce]

salesforce [saml2\_assertion\_attribute]

Auto number

Class

Created

Created by

Display name

Form Design

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

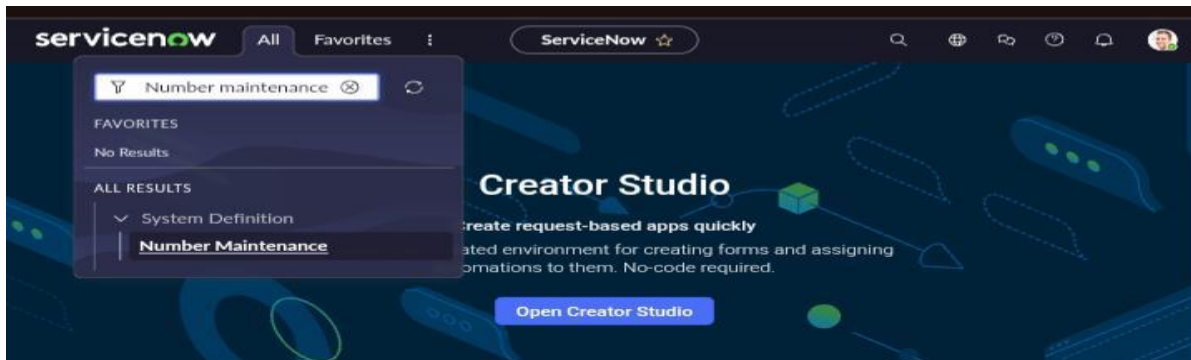
The screenshot shows the 'Form Design' interface for the 'Admission [u\_admission]' table. The interface is divided into a left sidebar and a main form area. The sidebar contains a 'Fields' list with items like 'Admin Number', 'Class', 'Created', 'Created by', 'Sys ID', 'Updated', 'Updated by', and 'Updates'. Below this is a 'Formatters' section with 'Activities (filtered)', 'Contextual Search Results', 'Process Flow', and 'Ratings'. The main form area is titled 'Admission [u\_admission]' and contains several sections: 'Admission [u\_admission]' with fields for Class, Father Name, Mother Name, Student Name, Purpose of join, Admission Number, Admin date, Fee, Mother Cell, Father Cell, Grade, and Admin Status; 'Comments' with a text area; 'School Details' with School Area and School; and 'Address' with Pincode, Area, Mandal, City, House No, and District. Each field has a configuration icon (gear) and a visibility icon (eye).

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

The screenshot shows the 'Form Design' interface for the 'Student Progress [u\_student\_progress]' table. The interface is divided into a left sidebar and a main form area. The sidebar contains a 'Fields' list with items like 'Class', 'Created', 'Created by', 'Updated', 'Updated by', and 'Updates'. Below this is a 'Formatters' section with 'Activities (filtered)', 'Contextual Search Results', and 'Ratings'. The main form area is titled 'Student Progress [u\_student\_progress]' and contains several sections: 'Student Progress [u\_student\_progress]' with a text area; 'New Section' with fields for Admission Number Grade, Admission Number Father Name, Admission Number Mother Name, Admission Number Father Cell, and Admission Number Mother Cell; and a section for 'Telugu', 'English', 'Hindi', 'Maths', 'Science', and 'Social' with fields for Total, Percentage, and Result. Each field has a configuration icon (gear) and a visibility icon (eye).

## Milestone -6 : Number maintenance

## Creating Number Maintenance for Admin Number



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

servicenow All Favorites History Workspaces Admin Number - SAL Search

< ≡ Number SAL Update Delete

\* Table Salesforce

Prefix SAL

\* Number 1,000

Application Global

Number of digits 7

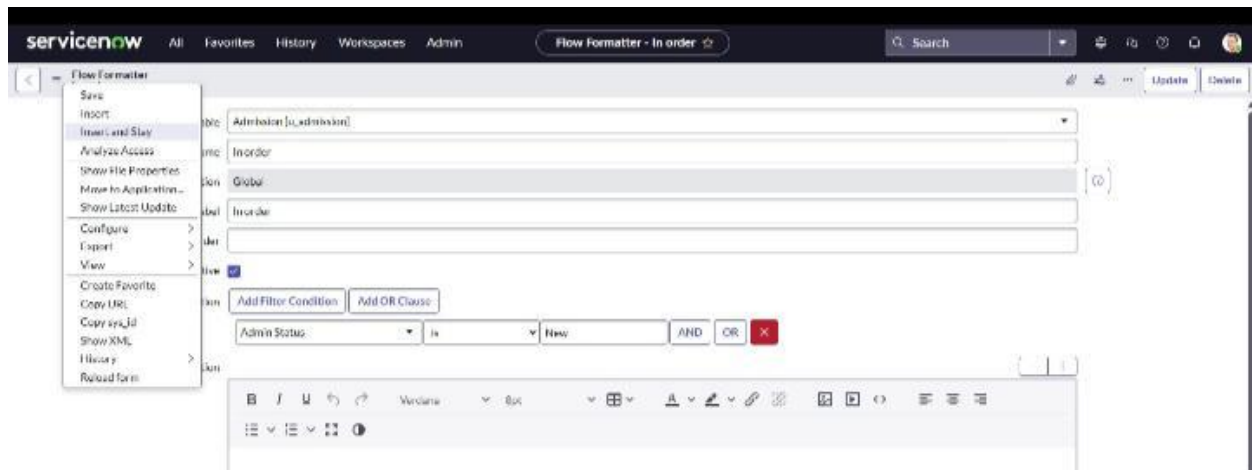
Update Delete

Related Links  
[Show Counter](#)

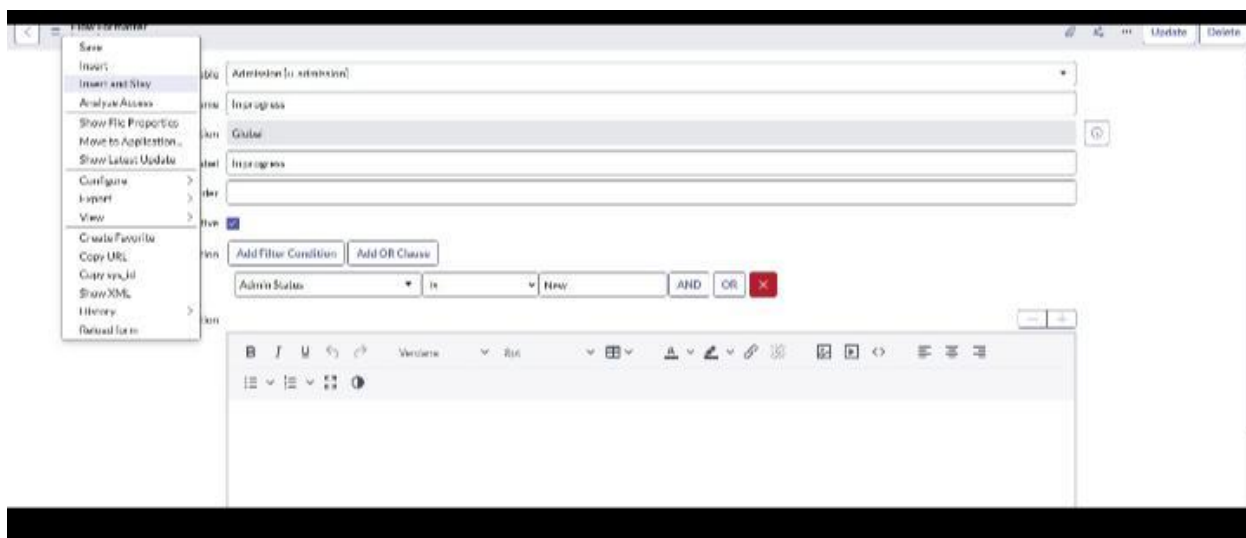
## Milestone – 7 Process Flow

### 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 :

### Activity- 1 : Creating “Auto populate” Client Scripts for Admission Table

- All >> Client Scripts >> New.

- he Details Fill tas given.

Client Script  
Auto populate name with table name

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	Auto populate name with table name	Application	Global
Table	Template Permit Rule [sys_app_template_p...	Active	<input checked="" type="checkbox"/>
UI Type	All	Inherited	<input type="checkbox"/>
Type	onChange	Global	<input checked="" type="checkbox"/>
Field name	Table Name		
Description	If Name is empty then auto populate it with Table Name		
Messages			
Script	<pre> 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 </pre>		

mother\_name);

G\_form.setDisabled('u\_father\_cell',a.u\_father\_cell);

G\_form.setDisabled('u\_mother\_cell',a.u\_mother\_cell);

} 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 a = g\_form.getReference('u\_admission\_number');

  G\_form.setValue('u\_admin\_date',a.u\_admin\_date);

  G\_form.setValue('u\_grade',a.u\_grade);

  G\_form.setValue('u\_student\_name',a.u\_student\_name);

  G\_form.setValue('u\_father\_name',a.u\_father\_name);

  G\_form.setValue('u\_mother\_name',a.u\_mother\_name);

  G\_form.setValue('u\_father\_cell',a.u\_father\_cell);

  G\_form.setValue('u\_mother\_cell',a.u\_mother\_cell);

  G\_form.setDisabled('u\_admin\_date',a.u\_admin\_date);

  G\_form.setDisabled('u\_grade',a.u\_grade);

  G\_form.setDisabled('u\_student\_name',a.u\_student\_name);

```
G_form.setDisabled('u_father_name',a.u_father_name);  
G_form.setDisabled('u_mother_name',a.u_
```

## Activity- 2: Creating “Pincode Update” Client Scripts for Admission Table

- Fill the Details as given.

The screenshot shows the ServiceNow 'Client Script - Pincode Update' configuration page. The form includes the following fields:

- Name:** Pincode Update
- Table:** Admission [u\_admission]
- UI Type:** Desktop
- Type:** onChange
- Field name:** Pincode
- Application:** Global
- Active:** ☒
- Inherited:** ☐
- Global:** ☒
- Description:** (Empty text area)
- Messages:** (Empty text area)
- Script:**

```
1 function onChange(control, oldValue, newValue, isLoading, isTemplate) {  
2   if (isLoading || newValue === '') {  
3     return;  
4   }  
5  
6   //Type appropriate comment here, and begin script below  
7   var a = g_form.getValue('u_pincode');  
8  
9   if(a == '509358')  
10  {  
11  
12
```

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

```
Function onChange(control, oldValue, newValue, isLoading, isTemplate) {
```

```
    If (isLoading || newValue === '') {
```

```
        Return;
```

```
    }
```

```
    Var a = g_form.getValue('u_pincode');
```

```
    If(a == '509358')
```

```
{
```

```
    G_form.setValue('u_mandal', 'kadthal');
```

```
    G_form.setValue('u_city', 'kadthal');
```



```
G_form.setValue('u_district', 'RangaReddy')
}
Else if(a == '500081')
{
G_form.setValue('u_mandal', 'karmanghat')
G_form.setValue('u_city', 'karmanghat');
G_form.setValue('u_district', 'RangaReddy');
}
Else if(a == '500079')
{
G_form.setValue('u_mandal', 'Abids');
G_form.setValue('u_city', 'AsifNagar');
G_form.setValue('u_district', 'Hyderabad');
}
//Type appropriate comment here, and begin script below
}
```

Activity- 3 :Creating “Disable Fields” 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	<input type="text" value="disable fields on out-of-scope table"/>	Application	Global <input type="button" value="ⓘ"/>
Table	Data Policy Rule [sys_data_policy_rule]	Active	<input checked="" type="checkbox"/>
UI Type	All	Inherited	<input type="checkbox"/>
Type	onLoad	Global	<input checked="" type="checkbox"/>

Description

Disables the Mandatory field if the table is not in the current scope

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 onLoad() {

//Type appropriate comment here, and begin script below

G\_form.setDisabled('u\_total',true);

G\_form.setDisabled('u\_percentage',true);

G\_form.setDisabled('u\_result',true);

}

## Activity-4:Creating "Total Update" 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
    if (newValue){
        var a = parseInt(g_form.getValue('u_telugu'));
        var b = parseInt(g_form.getValue('u_hindi'));
        var c = parseInt(g_form.getValue('u_english'));
        var d = parseInt(g_form.getValue('u_maths'));
        var e = parseInt(g_form.getValue('u_science'));
        var f = parseInt(g_form.getValue('u_social'));
        var Total = parseInt(a+b+c+d+e+f);
        g_form.setValue('u_total', Total);
    }
}

```

### Activity- 5:Creating “Result” Client Scripts for Student progress Table

Fill the Details as given.

The screenshot shows the Salesforce Client Script configuration page. The script is named 'Result' and is associated with the 'Student Progress' table. The configuration includes the following details:

- Name:** Result
- Table:** Student Progress [u\_student\_pr...]
- UI Type:** All
- Type:** onChange
- Field name:** Percentage
- Application:** Global
- Active:** ☒
- Inherited:** ☐
- Global:** ☒

The script code is as follows:

```

function onChange(control, oldValue, newValue, isLoading, isTemplate) {
    if (isLoading || newValue === '') {
        return;
    }
    //Type appropriate comment here, and begin script below
    if(newValue) {

```

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

    If(newValue) {

```
Var a = parseInt(g_form.getValue('u_percentage')); // Convert the value to an integer for comparison
```

```
    If(a >= 0 && a <= 59){
```

```
        G_form.setValue('u_result','Fail');
```

```
    } else if(a >= 60 && a <= 100) {
```

```
        G_form.setValue('u_result','Pass');
```

```
    } else {
```

```
        // Handle the case if a is out of range (optional)
```

```
        G_form.addErrorMessage('Percentage should be between 0 and 100.');
```

```
        G_form.clearValue('u_result');
```

```
    }
```

```
}
```

```
}
```

Activity- 6 :

## Creating “Percentage” Client Scripts for Student progress Table

Fill the Details as given.

The screenshot shows the 'Client Script' configuration window for 'Renew Cost Percentage'. The interface includes fields for Name, Table, UI Type, Type, Field name, Application, Active, Inherited, and Global. The Description field contains the text: 'If the user enter any percentage other than zero, the amount field should set to 0'. The Script field contains the following code:

```
1 function onChange(control, oldValue, newValue, isLoading, isTemplate) {
2     if (isLoading || newValue === '') {
3         return;
4     }
5     //If the user enter any percentage other than zero, the amount field should set to 0
6     if (newValue != 0)
7         g_form.setValue('cost_adjustment', 0);
8 }
9
```

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+'%');  
}
```