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Department of Computer Science and Engineering

Completed the Project named as

Educational Organisation Using ServiceNow

Submitted by

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Educational Organisation Using ServiceNow

Project 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.

Procedures

1. Setting up ServiceNow Instance

- ❖ Sign up for a developer account on the ServiceNow Developer site "<https://developer.servicenow.com>".
- ❖ Once logged in, navigate to the "Personal Developer Instance" section.
- ❖ Click on "Request Instance" to create a new ServiceNow instance.
- ❖ Log in to your ServiceNow instance using the provided credentials.
- ❖ Now you will navigate to the ServiceNow.

2. Creating a Update Set

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

ServiceNow Developers | Educational Organisation | Update Set

servicenow All Favorites History : Update Set - Educational Organisation Search

Update Set
Educational Organisation

Name: Educational Organisation
State: In progress
Parent:
Release date:
Install date:
Installed from:
Application: Global
Created: 2025-10-31 08:04:52
Created by: admin
Merged to:

Update Delete

Related Links
Make This My Current Set
Merge With Another Update Set
Create Update Set

3. Creating a Table

- ❖ Click on All >> Local update sets .
- ❖ Click on new
- ❖ Create an Salesforce Table with Columns given.

ServiceNow Developers | Salesforce | Table | ServiceNow | +

servicenow All Favorites History Admin : Table - Salesforce Search

Table
Salesforce

* Label: Salesforce
* Name: u_salesforce
Application: Global
Remote Table:

Columns Controls Application Access

Table Columns						
	Column label	Type	Reference	Max length	Default value	Display
<input type="button" value="New"/>	Created	Date/Time	(empty)	40		false
<input type="button" value="Delete"/>	Admin Number	String	(empty)	40	javascript:getNextObjNumberPadded();	true
<input type="button" value="Delete"/>	Admin Date	Date	(empty)	40		false
<input type="button" value="Delete"/>	Updates	Integer	(empty)	40		false

- ❖ Create an Admission Table with Columns given.

Table - Admission

Label: Admission
Name: u_admission
Application: Global
Extends table: Salesforce

Column label	Type	Reference	Max length	Default value	Display
Mandal	String	(empty)	40		false
School Area	Choice	(empty)	40		false
Admin Status	Choice	(empty)	40		false
Sys ID	Sys ID (GUID)	(empty)	32		false

❖ Create an Student Progress Table with Columns given.

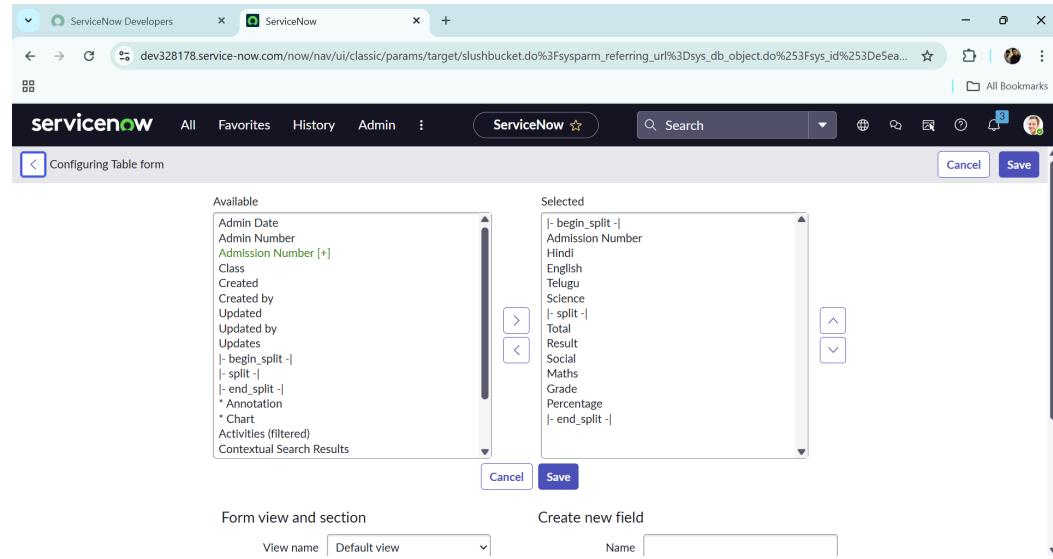
Table - Student Progress

Label: Student Progress
Name: u_student_progress
Application: Global
Extends table: Salesforce

Column label	Type	Reference	Max length	Default value	Display
Created	Date/Time	(empty)	40		false
Admin Number	String	(empty)	40	javascript:getNextObjNumberPadded();	true
Admin Date	Date	(empty)	40		false
Updates	Integer	(empty)	40		false
Curr IFS	IFS	IFS	99		false

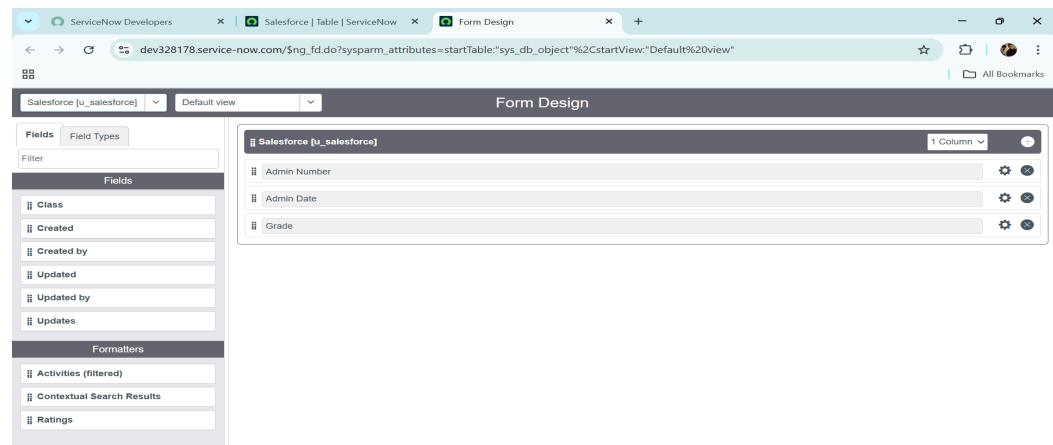
4. Form Layout

- ❖ 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



5. Form Design

- ❖ 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.



- ❖ In drop down select Admission(u_admission).
- ❖ Drag and drop the fields to the left side as below

The screenshot shows the ServiceNow Form Design interface for the 'Admission [u_admission]' object. The left sidebar lists various fields such as Admin Number, Admin Date, Fee, Admin Status, and Grade. The main area contains three sections: 'Admission [u_admission]' (1 Column), 'New Section' (1 Column), and 'School Details' (2 Column).

- ❖ In drop down select Student Progress(u_student_progress).
- ❖ Drag and drop the fields to the left side as below

The screenshot shows the ServiceNow Form Design interface for the 'Student Progress [u_student]' object. The left sidebar lists fields such as Admin Date, Admin Number, Class, etc. The main area contains two sections: 'New Section' (2 Column) and 'Student Progress' (2 Column).

6. Number Maintenance

- ❖ All >> Number Maintenance >> New
- ❖ Fill the details >> Submit.

ServiceNow Developers | SAL | Number | ServiceNow | Form Design

servicenow All Favorites History Admin : Number - SAL

Number SAL

* Table: Salesforce

Prefix: SAL

* Number: 1.000

Application: Global

Number of digits: 7

Update **Delete**

Related Links
[Show Counter](#)

7. Process Flow

- ❖ 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 In Progress.

ServiceNow Developers | In progress | Flow Formatter | Form Design

servicenow All Favorites History : Flow Formatter - In progress

Flow Formatter - In progress

* Table: Admission [u_admission]

* Name: In progress

Application: Global

* Label: In progress

Order:

Active:

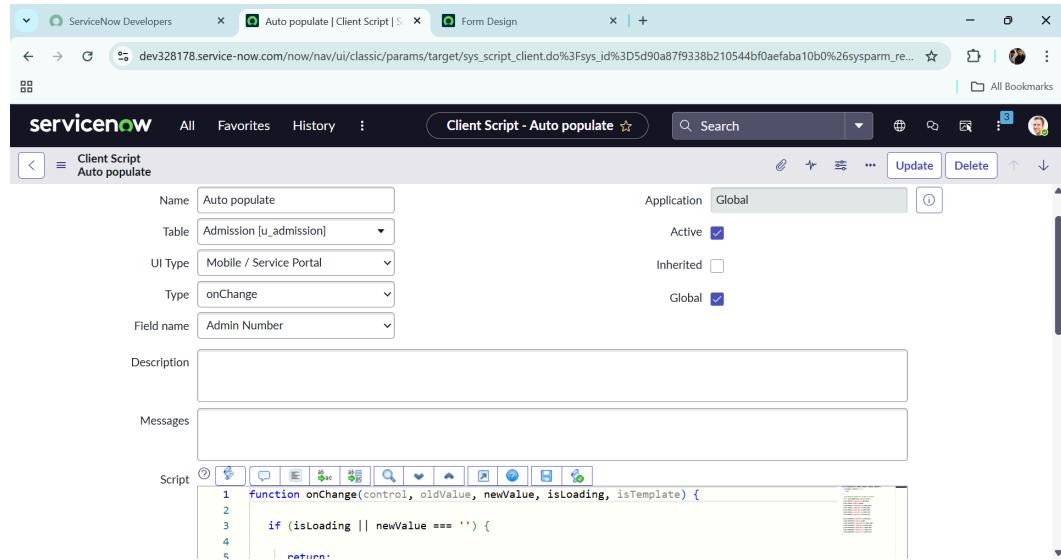
Condition: **Add Filter Condition** **Add OR Clause**

Admin Status is Join in progress AND

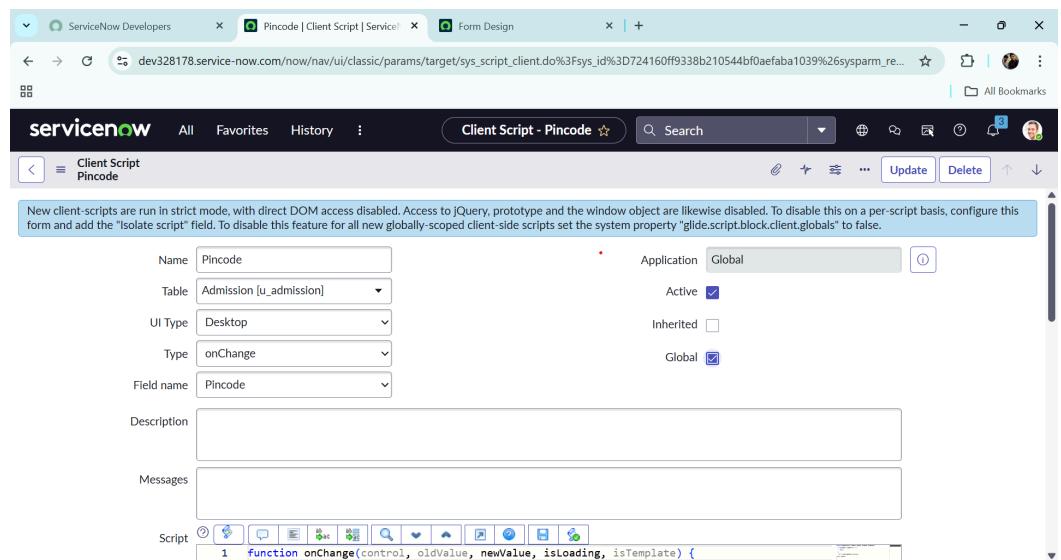
Description

8. Client Script

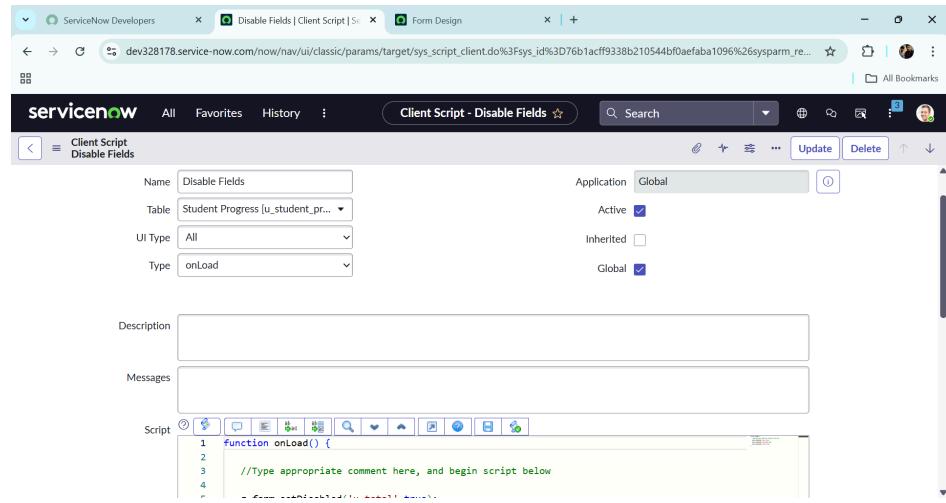
- ❖ All >> Client Scripts >> New.
- ❖ Creating “Auto populate” Client Scripts for Admission Table
- ❖ Fill the Details as given.
- ❖ Write the Code as below, Enable Isolate script and Save.



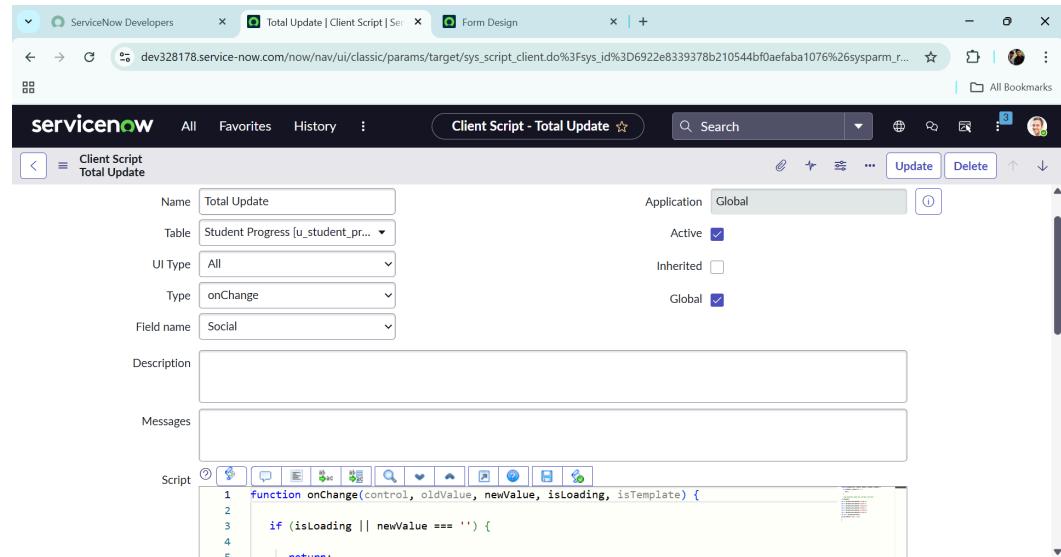
- ❖ Creating “Pincode Update” Client Scripts for Admission Table.



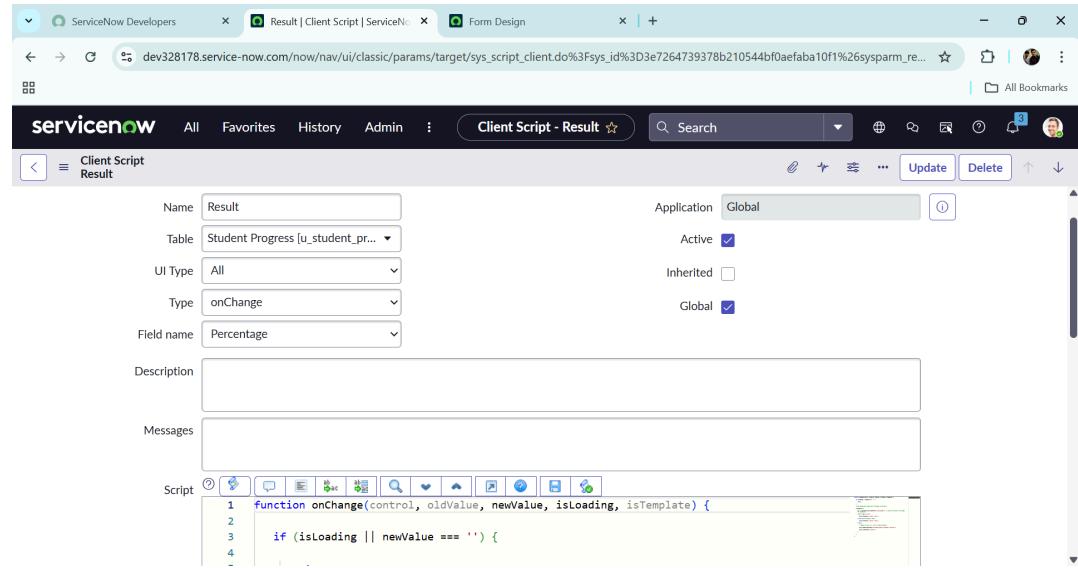
❖ Creating “Disable Fields” Client Scripts for Student progress Table.



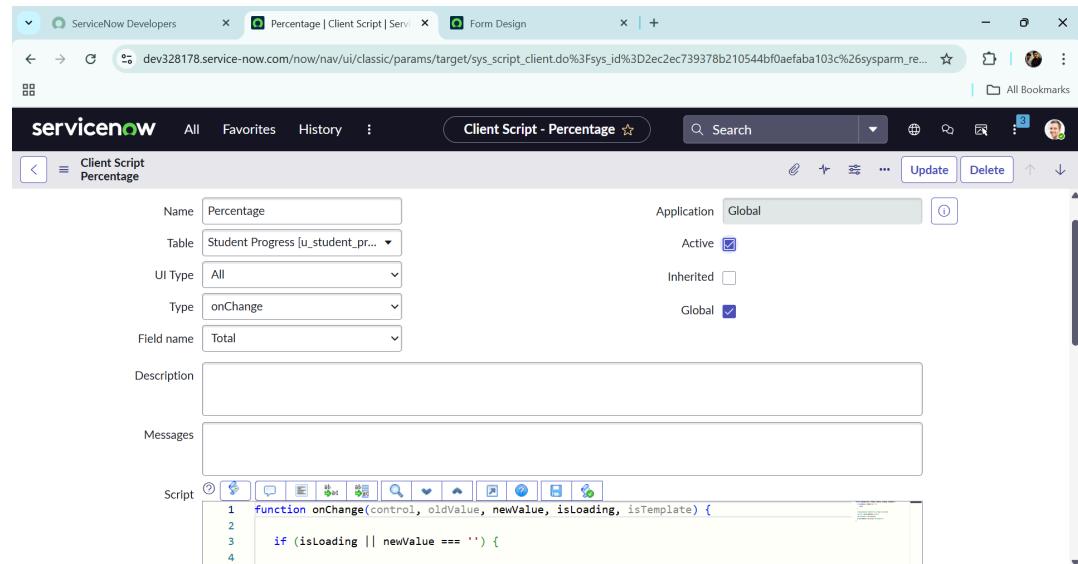
❖ Creating “Total Update” Client Scripts for Student progress Table.



❖ Creating “Result” Client Scripts for Student progress Table



❖ Creating “Percentage” Client Scripts for Student progress Table.



Results

Thus the Project, Educational Organisation using servicenow well developed solved to the core and resulted successfully.

