**Team ID :** NM2025TMID17674

**Team Leader :** PONMALAR M

**Team member :** PADMA PRIYA S

**Team member :** PAVITHRA J

**Team member :** POOJA A

**Team member :** POOJA S

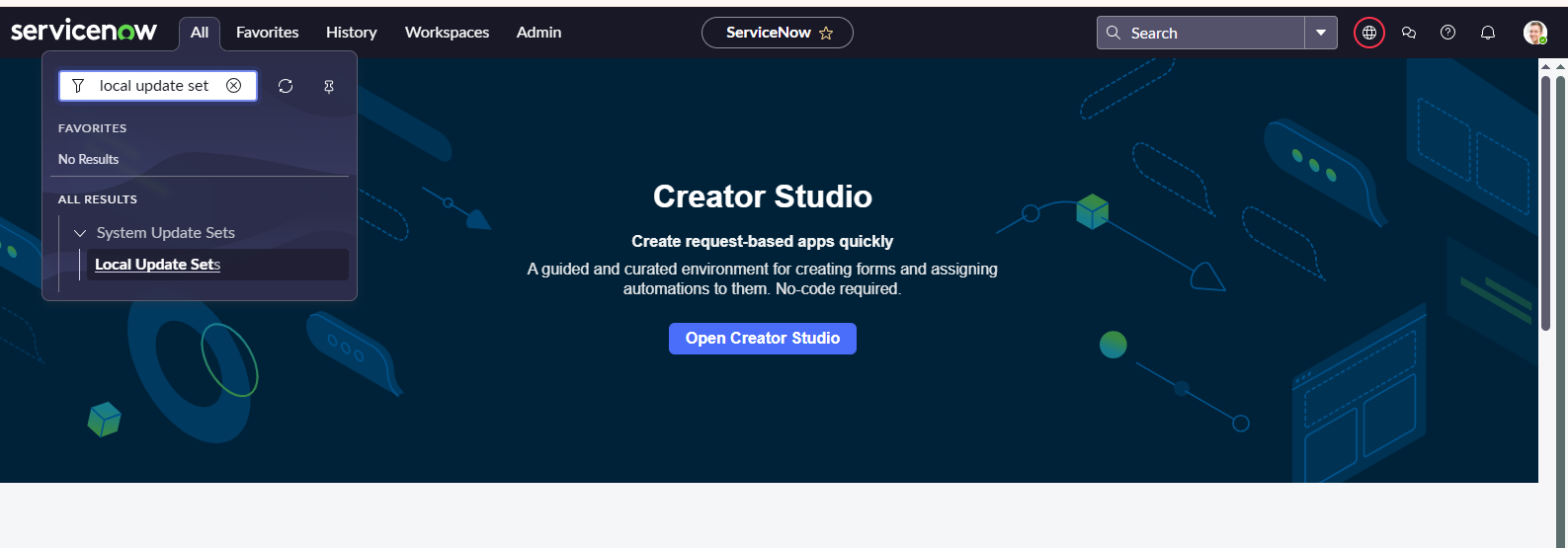
### Problem Statement: Educational Organisation Using ServiceNow

### Objective: 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.

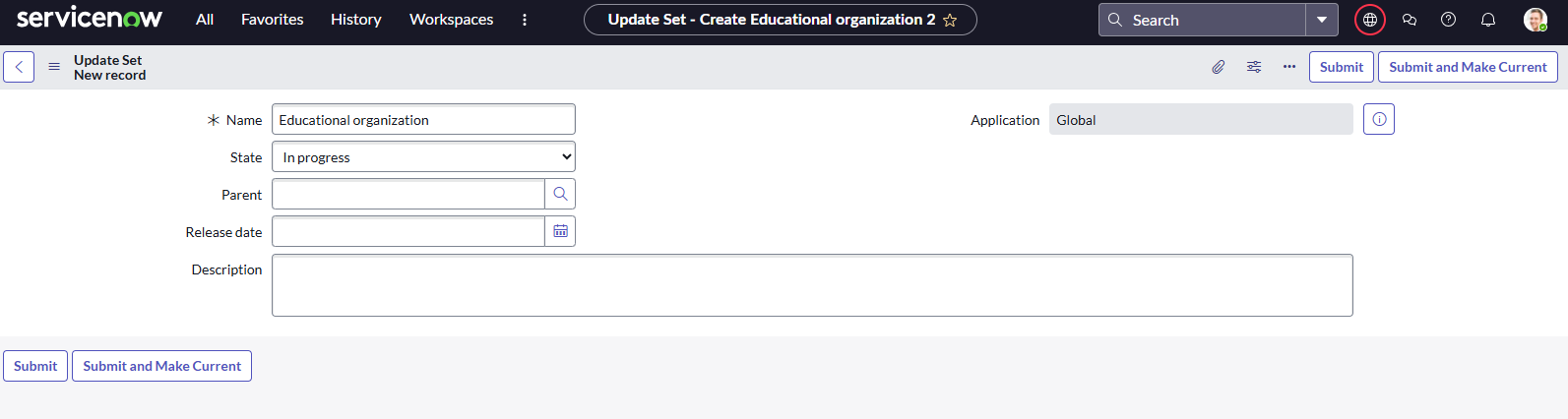
### TASK INITIATION

### Milestone 1 : Creating a Update Set.

1. Click on All >> Local update sets .

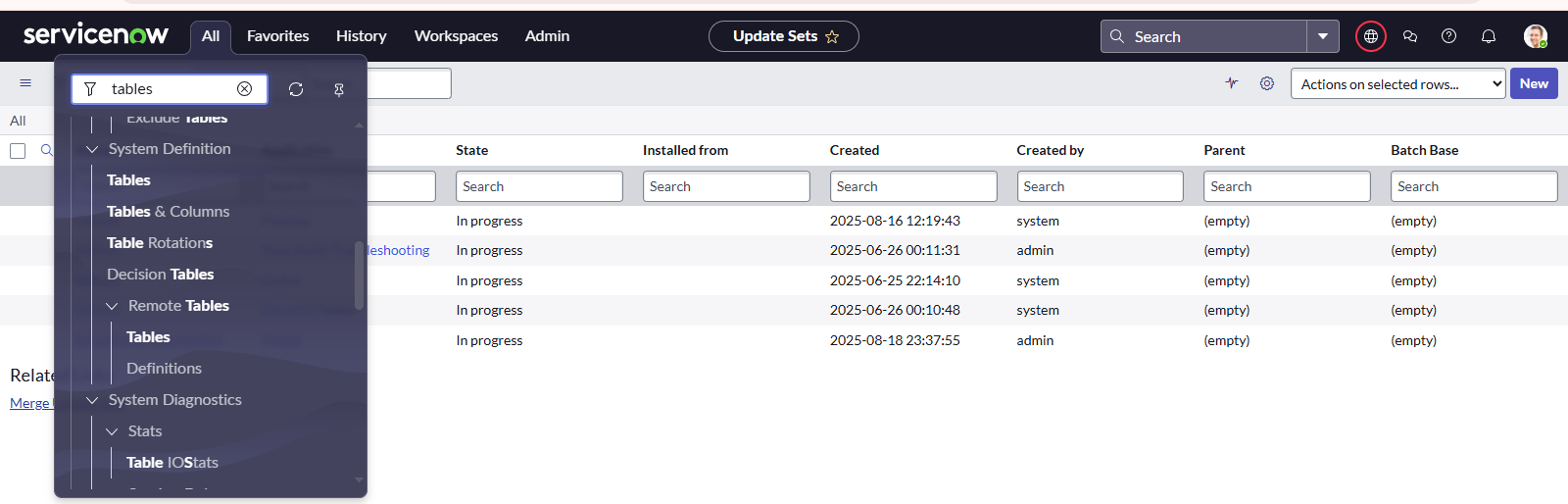


1. Click on new
2. Enter the Details Name: Educational Organisation >> Click on Submit and make Current.

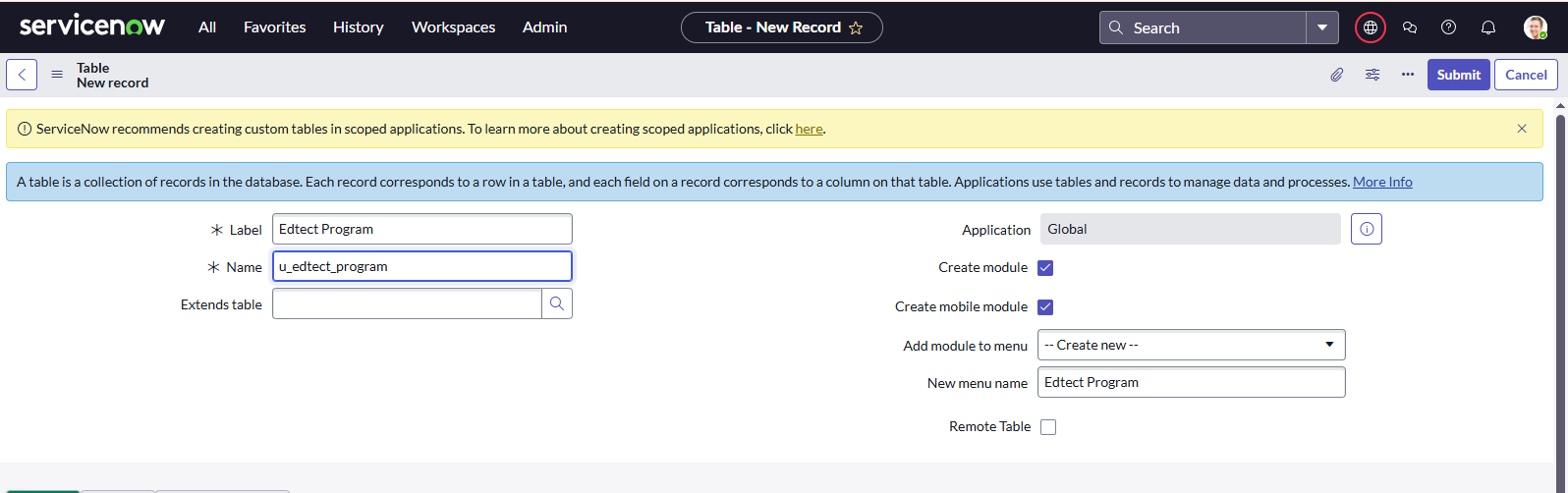


### Milestone 2 : Creating a Table

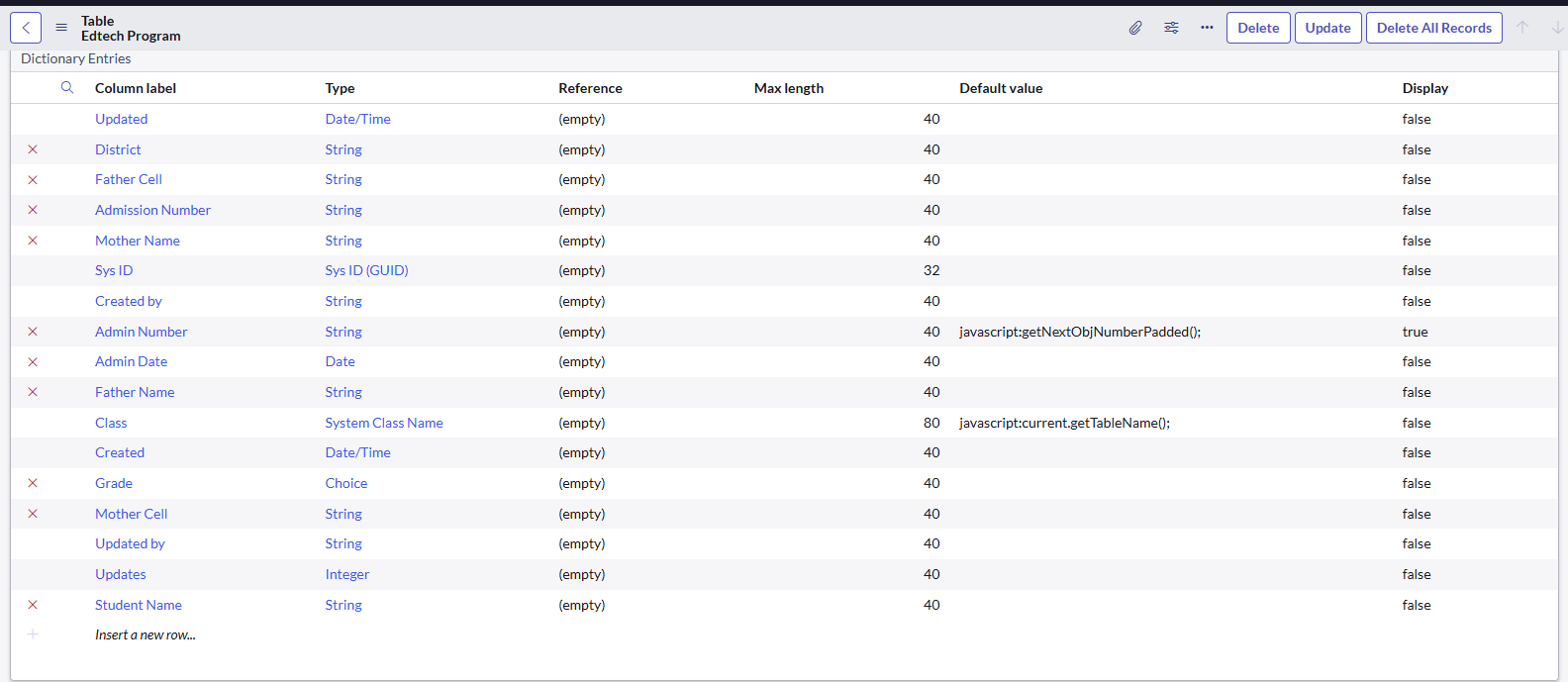
* All >> Tables.



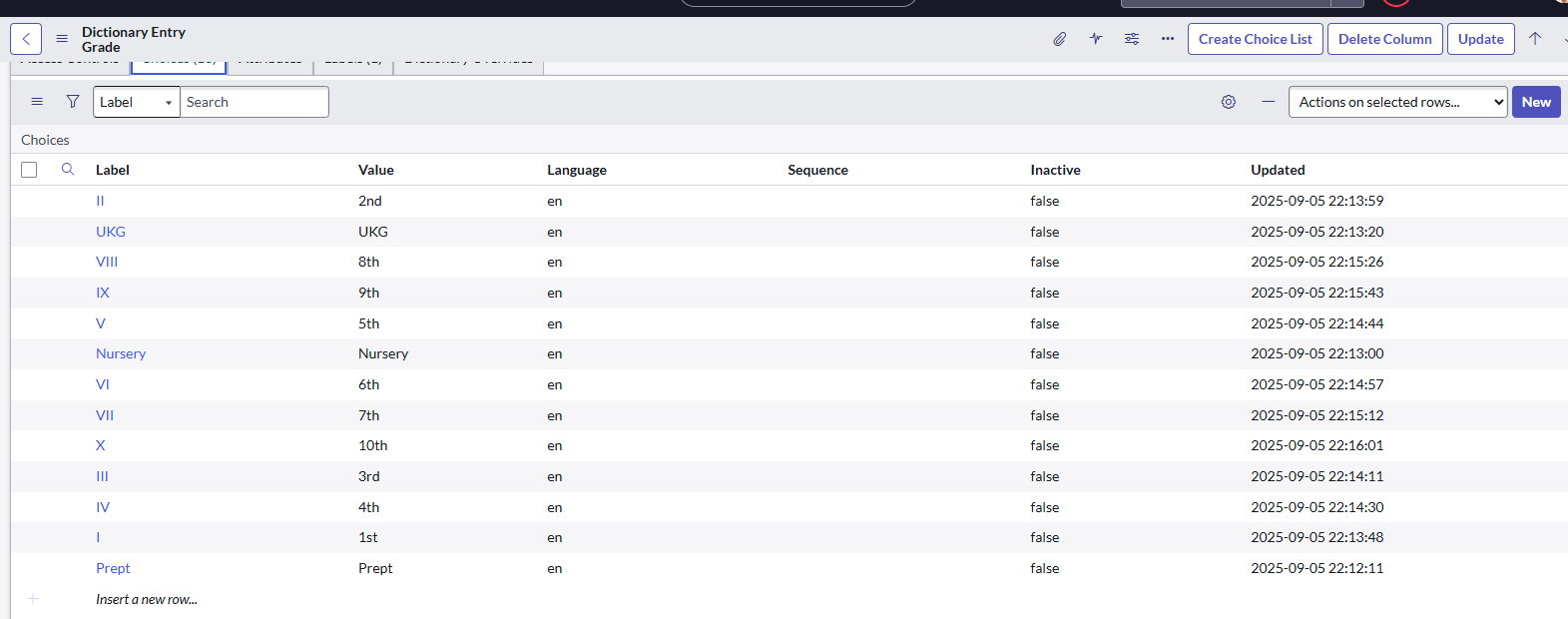
* Click on new
* Enter the Label Edtect Program >> Click on Name it will Automatically generate Api name.



* 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 .

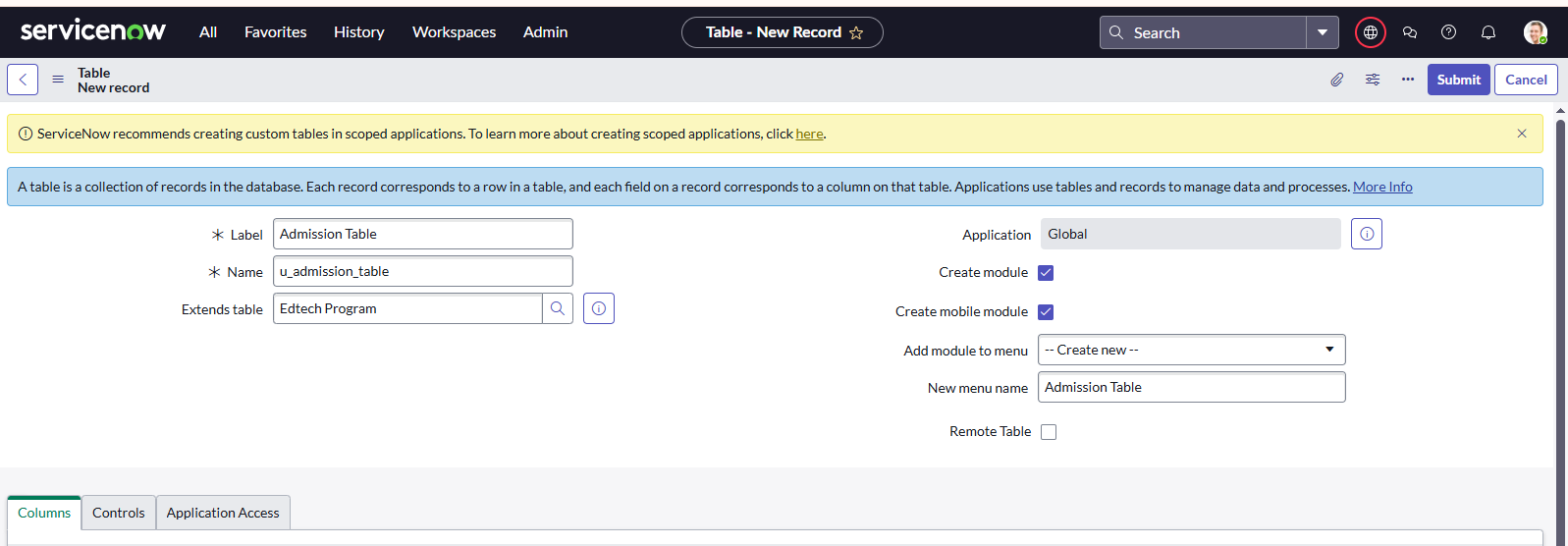


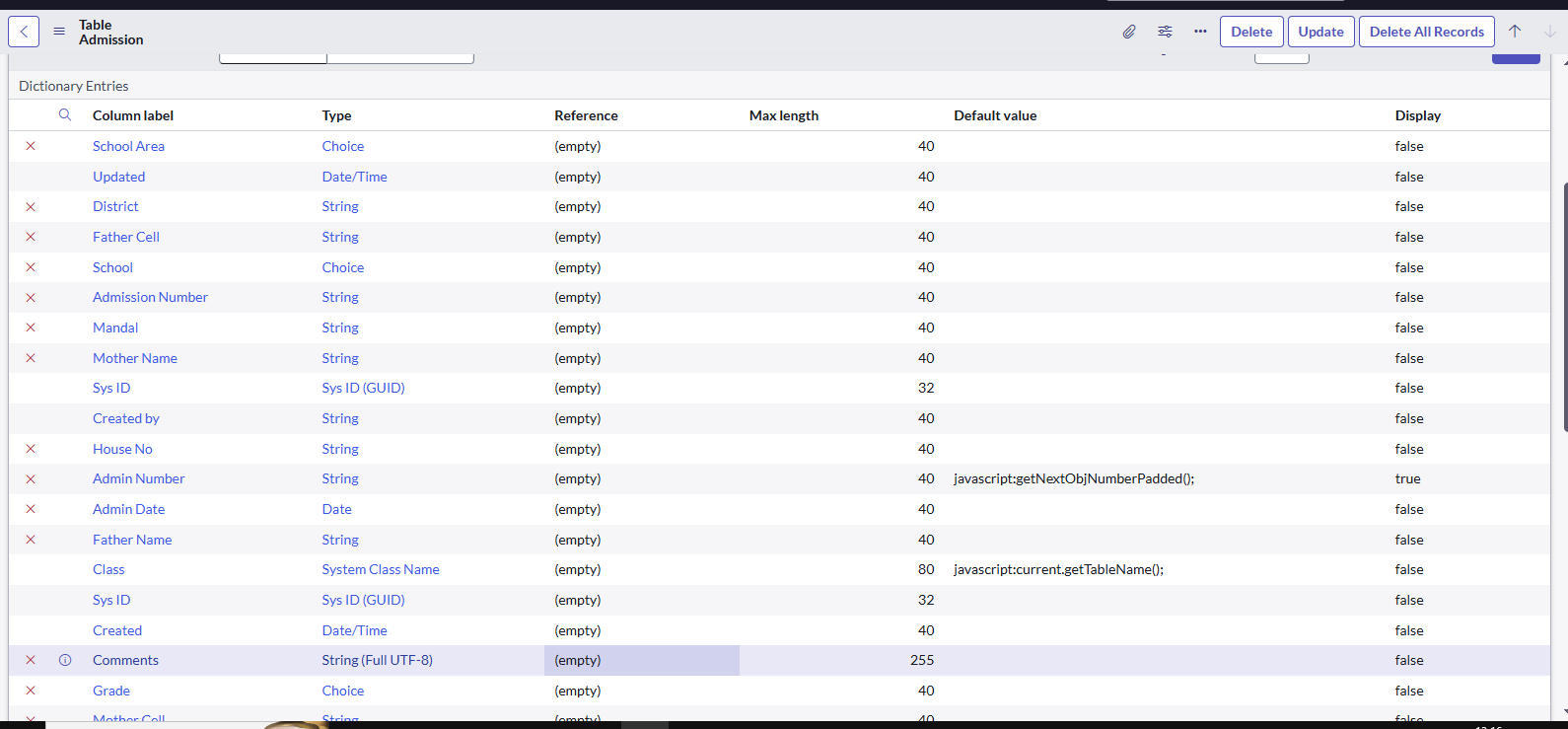
* For “Admin Number” Give Display as True and right click on the toggle bar on top >> save.
* Click on controls >> Enable Extensible.
* Click on “Admin Number” column, In Related Links Click on Advanced View >> Default View (Enable Use dynamic default) >> select Get Next Padded Number in Dynamic default value >> Update .
* Click on “Grade” Column >> Click on Choices and give Label,Value and Sequence as given below.



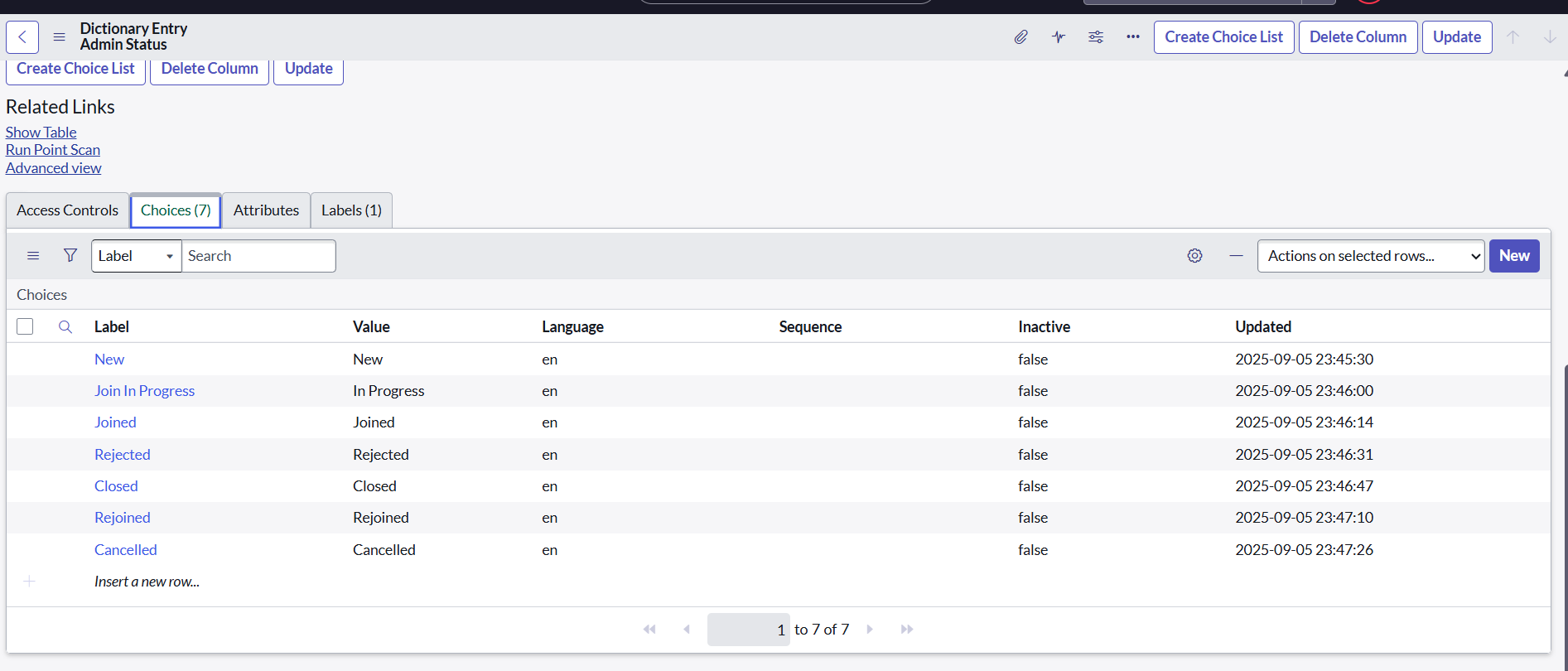
Create one more Table

* Create an Admission Table with Columns given.
* Select Extends Table >> Edtect Program also Select Add module to menu >> Edtect Program.
* Create Fields as shown





* Create choice for Admin Status as:



* Create choice for Pincode as:

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* Create choice for Purpose of Join as:

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* Create choice for School as:

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* Create choice for School Area as:

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Create one more Table

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

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**Milestone 3 :** **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.

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AI-generated content may be incorrect.**

**Milestone 4 : Form Design**

1. All >> System Definition >> Tables .
2. In Label Search for Edtech Program and open
3. Right Click on top Toggle >> Configure >> Form Design.
4. In drop down select Edtech Program(u\_edtech\_program)
5. Drag and drop the fields to the left side as below.

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Create one more Form Design

Creating Form Design for Admission Table

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

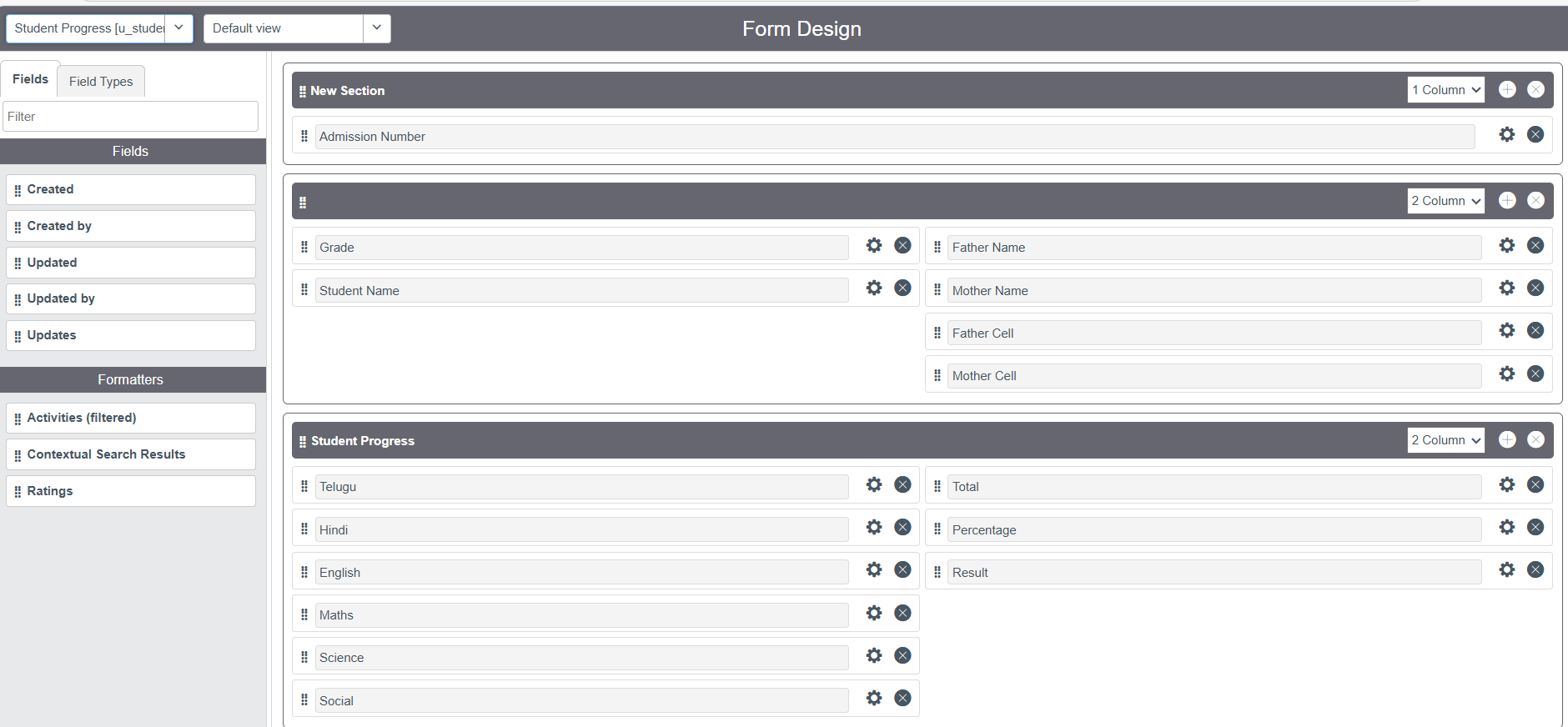
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Create one more Form Design

Creating Form Design for Student progress Table

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



**Milestone 5 : Number Maintenance**

* All >> Number Maintenance >> New
* Fill the details >> Submit.

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**Milestone 6 : Process Flow**

* All >> Process Flow>> New.
* Fill the Details as given Below

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* 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.

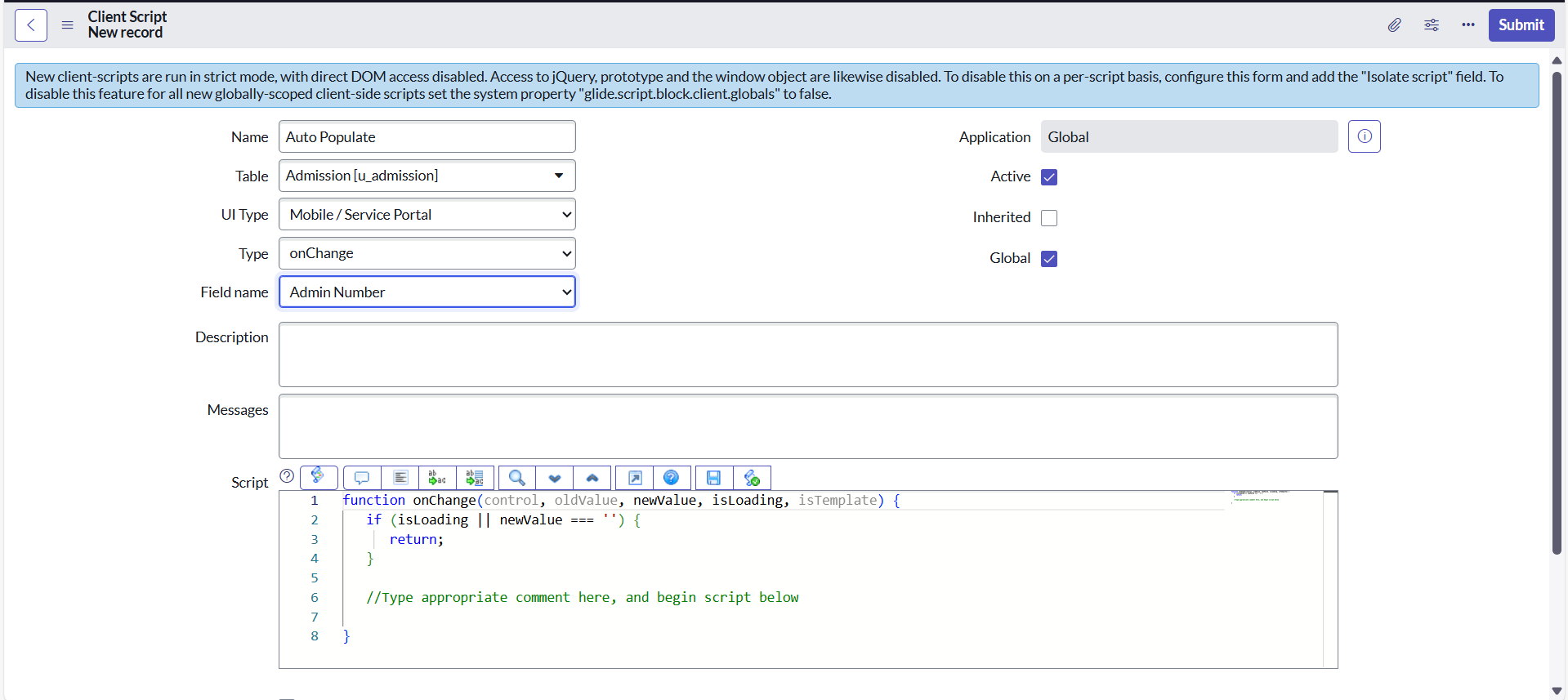
Joined >> Rejected >> Rejoined >> Closed >> Cancelled.

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

**Milestone 7 : Client Script**

Creating “Auto populate” Client Scripts for Admission Table

* All >> Client Scripts >> New.
* 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 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\_mother\_name);

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

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

}

Create one more Client Script

Creating “Pincode Update” Client Scripts for Admission Table

* Fill the Details as given.

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AI-generated content may be incorrect.

* 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');

}

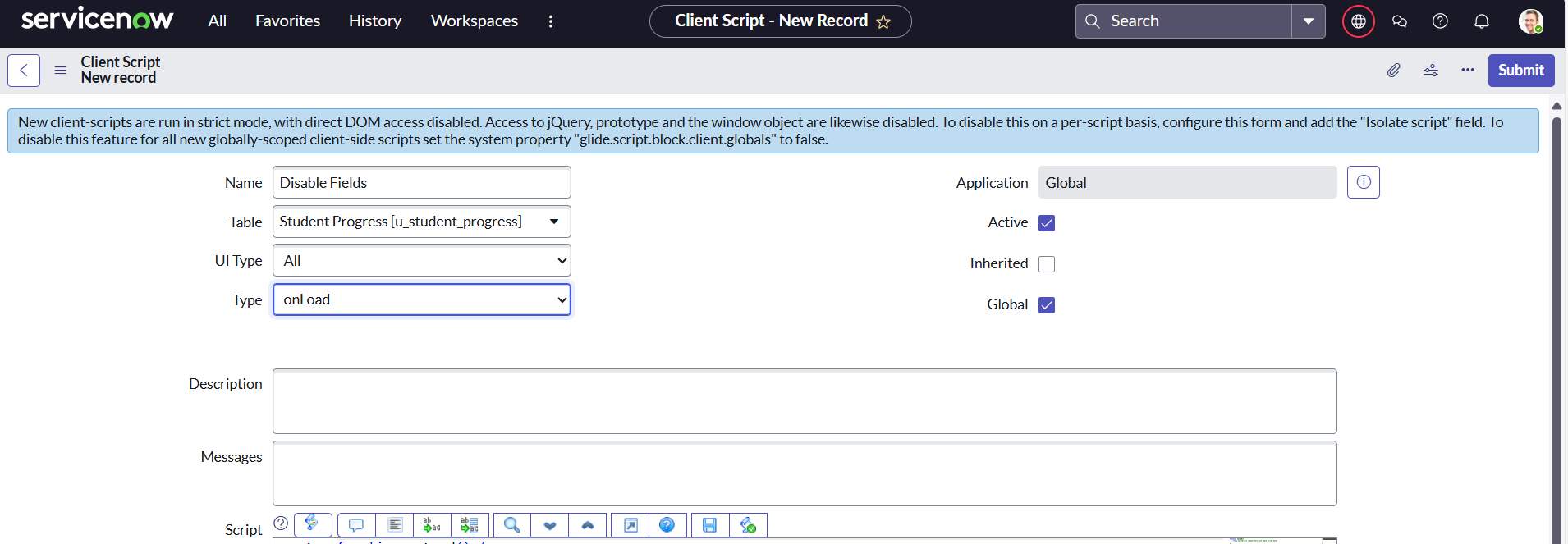
   //Type appropriate comment here, and begin script below

}

Create one more Client Script

Creating “Disable Fields” Client Scripts for Student progress Table

* Fill the Details as given.



* 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);

}

Create one more Client Script

Creating “Total Update” Client Scripts for Student progress Table

* Fill the Details as given.

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AI-generated content may be incorrect.

* 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);

}

}

Create one more Client Script

Creating “Result” Client Scripts for Student progress Table

* Fill the Details as given.

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AI-generated content may be incorrect.

* 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');

      }

   }

}

Create one more Client Script

Creating “Percentage” Client Scripts for Student progress Table

* Fill the Details as given.

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AI-generated content may be incorrect.

* 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+'%');

}

**Result**

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