

- Setting Up ServiceNow Instance
- Creating A Update Set
 - Creating A Update Set
- Creating A Table
 - Creating Salesforce Table.
 - Creating Admission Table
 - Creating Student Progress Table
- Form Layout
 - Form Design
 - Number Maintenance

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

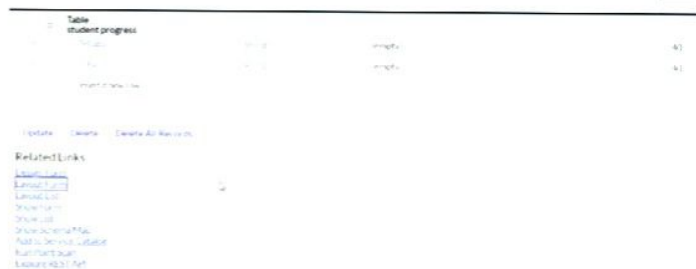
The screenshot shows the ServiceNow 'Create Table' wizard. The 'Extends Table' is set to 'Salesforce' and the 'Module' is 'Salesforce'. The 'Table Name' is 'Admission'. The 'Table Fields' section shows a list of fields to be created.

Field Name	Field Type	Field Label	Field Format	Field Options	Field Required
Admission ID	Text	Admission ID			Yes
Admission Date	Text	Admission Date			Yes
Admission Time	Text	Admission Time			Yes
Admission Location	Text	Admission Location			Yes
Admission Status	Text	Admission Status			Yes
Admission Type	Text	Admission Type			Yes
Admission Category	Text	Admission Category			Yes
Admission Sub-category	Text	Admission Sub-category			Yes
Admission Description	Text	Admission Description			Yes
Admission Notes	Text	Admission Notes			Yes
Admission Created By	Text	Admission Created By			Yes
Admission Created On	Text	Admission Created On			Yes
Admission Last Modified By	Text	Admission Last Modified By			Yes
Admission Last Modified On	Text	Admission Last Modified On			Yes

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 - Configuring Table Form For Student Progress Table
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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

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- 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

Click on Label, Value and Sequence as given below.

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

serviceNow

Dictionary Entry - Grade

Label	Value	Sequence
Grade 1	1	1
Grade 2	2	2
Grade 3	3	3
Grade 4	4	4
Grade 5	5	5
Grade 6	6	6
Grade 7	7	7
Grade 8	8	8
Grade 9	9	9
Grade 10	10	10
Grade 11	11	11
Grade 12	12	12

Creating A Table

Creating Salesforce Table.

Creating Admission Table

Creating Student Progress Table

Form Layout

Configuring Table Form For Student Progress Table

Form Design

Creating Form Design For Salesforce Table

Creating Form Design For Admission Table

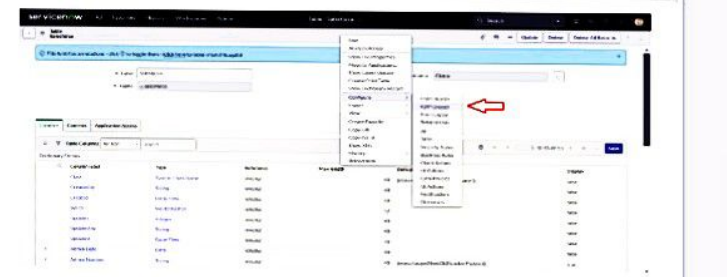
Creating Form Design For Student Progress Table

Creating Form Design For Salesforce Table

1. All >> System Definition >> Tables .
2. In Label Search for Salesforce and open .



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



4. In drop down select Salesforce(u_salesforce).



Progress Table

Form Layout

Configuring Table Form
For Student Progress
Table

Form Design

Creating Form Design
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Creating Form Design For Student Progress Table

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

The screenshot displays the Salesforce Form Designer interface. The top bar shows 'Form Design' and a 'Save' button. The left sidebar contains a tree view with 'Table' selected. The main workspace shows the form layout for the 'Student Progress' table. The form includes several fields: 'Student Name', 'Enrollment Number', 'Enrollment Date', 'Enrollment Status', 'Enrollment Type', 'Enrollment Fee', 'Enrollment Amount', 'Enrollment Date', 'Enrollment Status', 'Enrollment Type', 'Enrollment Fee', and 'Enrollment Amount'. Each field is configured with a label, a data source, and a format. The 'Enrollment Date' field is set to 'Date' format, and the 'Enrollment Status' field is set to 'Text' format. The 'Enrollment Type' field is set to 'Text' format. The 'Enrollment Fee' field is set to 'Text' format. The 'Enrollment Amount' field is set to 'Text' format. The 'Enrollment Date' field is set to 'Date' format. The 'Enrollment Status' field is set to 'Text' format. The 'Enrollment Type' field is set to 'Text' format. The 'Enrollment Fee' field is set to 'Text' format. The 'Enrollment Amount' field is set to 'Text' format.

Creating Number Maintenance For Admin Number

Process Flow

Creating Process Flow For Admission Table

Client Script

Creating "Auto Populate" Client Scripts For Admission Table

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

Creating "Pincode Update" Client Scripts For Admission 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;
    }
    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');
    }
}
```

Creating Number Maintenance For Admin Number

Process Flow

Creating Process Flow For Admission Table

Client Script

Creating "Auto Populate" Client Scripts For Admission Table

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 "Details" Client

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);
```


Client Script

Creating "Auto Populate" Client Scripts For Admission Table

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

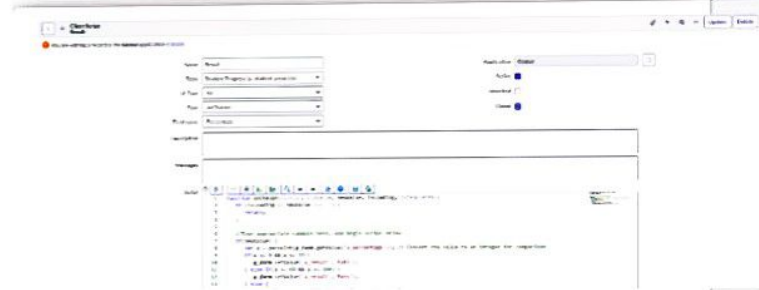
Creating "Result" Client Scripts For Student Progress Table

Creating "Percentage" Client Scripts For Student Progress Table

Result

Creating "Result" 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_percentage')); // Convert
the value to an integer for comparison
 if(a >= 0 && a <= 59){
 g_form.setValue('u_result','Fail');
 }
 }
}

```

## Creating A Update Set

## Creating A Update Set

## Creating A Table

### Creating Student Progress Table

Form Layout

Form Design

## + Number Maintenance

## Creating Student Progress Table

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



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## 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.

## Client Script

Creating "Auto Populate" Client Scripts For Admission Table

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

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## Creating "Percentage" Client Scripts For Student Progress Table

- Fill the Details as given.

Client Script Configuration for Student Progress Table

Name: Percentage

Table: Student Progress Table

Event: onChange

Script:

```
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+'%');
}
```

- 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+'%');
}
```

## Client Script

Creating "Auto Populate"  
Client Scripts For  
Admission Table

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

Result

## Result

| Sl No | Student Name | Roll No | Grade | Score | Percentage | Result |
|-------|--------------|---------|-------|-------|------------|--------|
| 1     | ABHIRAM K    | 1001    | 10    | 85    | 85%        | Pass   |
| 2     | ADARSH K     | 1002    | 10    | 78    | 78%        | Pass   |
| 3     | ADITHYAN K   | 1003    | 10    | 92    | 92%        | Pass   |
| 4     | ADITHYAN K   | 1004    | 10    | 88    | 88%        | Pass   |
| 5     | ADITHYAN K   | 1005    | 10    | 75    | 75%        | Pass   |
| 6     | ADITHYAN K   | 1006    | 10    | 82    | 82%        | Pass   |
| 7     | ADITHYAN K   | 1007    | 10    | 79    | 79%        | Pass   |
| 8     | ADITHYAN K   | 1008    | 10    | 86    | 86%        | Pass   |
| 9     | ADITHYAN K   | 1009    | 10    | 81    | 81%        | Pass   |
| 10    | ADITHYAN K   | 1010    | 10    | 84    | 84%        | Pass   |

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Result