

- Create choice fields for Admin Status, Purpose of Join, School, Pincode, and School Area.

The screenshot shows the 'Form Design' interface for the 'Admission [u_admission]' table. The sidebar on the left contains 'Fields' and 'Formatters' sections. The main area displays a form layout with sections for 'Admission [u_admission]', 'Activities (filtered) (Formatter)', 'School Details', and 'Address'. Fields include Admin Number, Admin Date, Purpose of join, Grade, Student Name, Fee, Father Name, Father Cell, Mother Name, Mother Cell, Admin Status, School Area, School, Pincode, and Area. Each field has a configuration icon.

6. Configuring Forms

Form configuration improves the user experience by allowing intuitive interaction with data.

Salesforce Table Form:

- Navigate to System Definition > Tables.
- Search for "Salesforce" and select Configure > Form Design.
- Add and arrange relevant fields.

Admission Table Form:

- Repeat the same process as above for the "Admission" table.

Student Progress Table Form:

- Use the same method to configure the Student Progress table.

7. Number Maintenance for Admin Numbers

To automatically generate Admin Numbers in a specified format:

Steps:

- Navigate to Number Maintenance > New.
- Create a record for Admin Number.

- Set an appropriate prefix (e.g., ADM) and define the number format (e.g., ADM0001).
- Submit the record.

The screenshot shows the ServiceNow configuration page for a Number field named 'SAL'. The 'Table' field is set to 'Salesforce'. The 'Prefix' field is set to 'SAL'. The 'Number' field is set to '1,000'. The 'Application' field is set to 'Global'. The 'Number of digits' field is set to '7'. There are 'Update' and 'Delete' buttons at the bottom left of the form.

8. Creating Process Flows

ServiceNow Process Flows automate and visualize processes such as the student admission lifecycle.

Steps:

- Navigate to Process Flow > New.
- Provide details including name, label, and description.
- Define stages such as New, InProgress, Joined, Rejected, Rejoined, Closed, and Cancelled.
- Save and publish the process flow.

ORDER:Joined >> Rejected >> Rejoined >> Closed >> Cancelled

9. Client Scripts for Automation

Client Scripts automate actions and enforce form behavior.

Auto-Populate Admission Fields

Populates fields like Grade and Student Name when Admission Number is selected.

```
function onChange(control, oldValue, newValue, isLoading, isTemplate) {
    if (isLoading || newValue === '') return;
    var admission = g_form.getReference('u_admission_number');
    g_form.setValue('u_grade', admission.u_grade);
    g_form.setValue('u_student_name', admission.u_student_name);
}
```

Pincode-Based Field Update

Automatically fills Mandal, City, and District based on the entered Pincode.

```
function onChange(control, oldValue, newValue, isLoading, isTemplate) {
    if (isLoading || newValue === '') return;
    var pincode = g_form.getValue('u_pincode');
```

```

if (pincode === '509358') {
  g_form.setValue('u_mandal', 'Kadthal');
  g_form.setValue('u_city', 'Kadthal');
  g_form.setValue('u_district', 'Ranga Reddy');
}
}

```

Disable Fields for Student Progress

Prevents manual entry into specific fields on form load.

```

function onLoad() {
  g_form.setDisabled('u_total', true);
  g_form.setDisabled('u_percentage', true);
  g_form.setDisabled('u_result', true);
}

```

Total Marks Calculation

Calculates the total score from subject fields automatically.

```

function onChange(control, oldValue, newValue, isLoading, isTemplate) {
  var total = parseInt(g_form.getValue('u_telugu')) +
    parseInt(g_form.getValue('u_hindi')) +
    parseInt(g_form.getValue('u_english')) +
    parseInt(g_form.getValue('u_maths')) +
    parseInt(g_form.getValue('u_science')) +
    parseInt(g_form.getValue('u_social'));
  g_form.setValue('u_total', total);
}

```

10. Results

The implemented Educational Management System on ServiceNow provides:

- Centralized management of student and admission data.
- Automated workflows for consistent and error-free operations.
- Dynamic forms and scripts that enhance data entry and validation.
- Seamless tracking of student progress and admission stages.

Screenshots should be included for:

- Table and form configurations
- Process flow
- Script execution in forms