**JAVASCRIPT AND AJAX ASSIGNMENT**

1. **Add these buttons on student detail page**

* **When click on it Show hello world as alert** (alert(‘Hello World’) on button click)
* **Open a new popup window and show his name and Class in a table:**

**VF Page:**

<apex:page standardController="Student\_\_c" showHeader="false" sidebar="false">

<apex:form >

<apex:pageBlock >

<apex:pageBlockTable value="{!Student\_\_c}" var="std">

<apex:column value="{!std.Name}"/>

<apex:column value="{!std.Class\_\_c}"/>

</apex:pageBlockTable>

</apex:pageBlock>

</apex:form>

</apex:page>

1. **Add a button on the Class detail page when click on it opens a popup window.. with one text box and one button when click on that button add a new student in this class with name as in textbox.**

**JavaScript Executed after clicking the button:**

window.open('apex/StudentAdd?id={!Class\_\_c.Id}','popUpWindow','height=400,width=800,left=100,top=100,resizable=no,scrollbars=yes,toolbar=yes,menubar=no,location=no,directories=no, status=yes');

**VF Page:**

<apex:page >

<script type="text/javascript">\_\_sfdcSessionId = '{!GETSESSIONID()}';</script>

<script src="/soap/ajax/45.0/connection.js" type="text/javascript"></script>

<script src="/soap/ajax/45.0/apex.js"></script>

<script>

function addStudent(){

var stName = document.getElementById('{!$Component.studentForm.name}').value;

var clsId = '{!$CurrentPage.parameters.id}';

var student = new sforce.SObject('Student\_\_c');

student.name = stName;

student.LastName\_\_c = 'TestValue';

student.class\_\_c = clsId;

var result = sforce.connection.create([student]);

if(result[0].getBoolean("success"))

alert("Student Added Successfully");

else

alert("Failed to Add Student");

}

</script>

<apex:form id="studentForm">

<label>Student Name: </label>

<apex:inputText id="name"/>

<button onclick="addStudent()">Add</button>

</apex:form>

</apex:page>

1. **Add a list view button named “Delete Students” on Student List View page when clicked on it**

* **If no records selected then show error Message “No records selected”**
* **If records Show 2 buttons on VF “Continue” and “Cancel” Continue will delete records and return back to listview. Cancel do nothing and return back to listView.**

**You have to do all things using javascript in the visualforce page.**

**JavaScript Executed after clicking the button:**

{!REQUIRESCRIPT('/soap/ajax/45.0/connection.js')}

ids={!GETRECORDIDS($ObjectType.Student\_\_c)};

if(ids[0] == null){

try{

throw new error("No Record Selected");

} catch (e){

alert(e);

}

} else{

window.open('apex/DeleteStudents?id=' + ids.join(','),'popUpWindow','height=500,width=400,left=100,top=100,resizable=yes,scrollbars=yes,toolbar=yes,menubar=no,location=no,directories=no, status=yes');

}

**VF Page:**

<apex:page showHeader="false" sidebar="false">

<script type="text/javascript">\_\_sfdcSessionId = '{!GETSESSIONID()}';</script>

<script src="/soap/ajax/45.0/connection.js" type="text/javascript"></script>

<script src="/soap/ajax/45.0/apex.js"></script>

<script>

function deleteStudents(){

var students = '{!$CurrentPage.parameters.id}';

var idsToDelete = students.split(',');

var result = sforce.connection.deleteIds(idsToDelete);

if(result[0].getBoolean("success"))

alert("Deleted Successfully");

else

alert("Deletion Failed");

this.window.close();

}

var cancel = () => this.window.close();

</script>

<apex:pageBlock >

<apex:pageBlockSection >

<apex:form >

<button onClick = "deleteStudents()">Continue</button>

<button onClick = "cancel()">Cancel</button>

</apex:form>

</apex:pageBlockSection>

</apex:pageBlock>

</apex:page>

1. **Add a list view button named “Delete Students” on Student List View page when clicked on it**

* **If no records selected then show error Message “No records selected”**
* **If records Show 2 buttons on VF “Continue” and “Cancel” Continue will delete records and return back to listview. Cancel do nothing and return back to listView.**

**You have to call apex remote action to perform delete and cancel actions.**

**JavaScript Executed after clicking the button:**

{!REQUIRESCRIPT('/soap/ajax/45.0/connection.js')}

ids={!GETRECORDIDS($ObjectType.Student\_\_c)};

if(ids[0] == null){

try{

throw new error("No Record Selected");

} catch (e){

alert(e);

}

} else{

window.open('apex/DeleteStudentsWithRemoteAction?id=' + ids.join(','),'popUpWindow','height=500,width=400,left=100,top=100,resizable=yes,scrollbars=yes,toolbar=yes,menubar=no,location=no,directories=no, status=yes');

}

**VF Page:**

<apex:page showHeader="false" sidebar="false" controller="DeleteRecord">

<script type="text/javascript">\_\_sfdcSessionId = '{!GETSESSIONID()}';</script>

<script src="/soap/ajax/45.0/connection.js" type="text/javascript"></script>

<script src="/soap/ajax/45.0/apex.js"></script>

<script>

Visualforce.remoting.timeout = 10000;

function deleteStudents()

{

var id= '{!$CurrentPage.parameters.id}';

Visualforce.remoting.Manager.invokeAction('{!$RemoteAction.DeleteRecord.DeleteStudent}', id, handleResult);

}

function handleResult(result, event){

alert('Deleted Successfully');

this.window.close();

}

var cancel = () => this.window.close();

</script>

<apex:pageBlock >

<apex:pageBlockSection >

<apex:form >

<button onClick = "deleteStudents()">Continue</button>

<button onClick = "cancel()">Cancel</button>

</apex:form>

</apex:pageBlockSection>

</apex:pageBlock>

</apex:page>

**Apex Controller:**

public with sharing class DeleteRecord{

@RemoteAction

public static void DeleteStudent(string ids){

List<String> selectedIds = ids.split(',');

List<Student\_\_c> toDelete = [SELECT ID FROM Student\_\_c WHERE ID IN :selectedIds];

delete toDelete;

}

}