

Machine Test - Asp.Net with C#, SQL SERVER of Database.

Step - 1: Create UI for 'STUDENT INFORMATION' with following details

Note - ***(asterisk)** Fields are mandatory

*Student Name - Text Box

*Date of Birth - Calendar

*Gender - Radio Button

*Select Degree - Drop-down

*Select Branch - Drop-down (as per Degree Selection)

*Email Id - textbox

*Mobile No. - Textbox

Age - Textbox (Read Only and Auto calculate as per Date of Birth)

*Photo Upload - Browse -- Only 150kb

Upload Document - Browse -- Only 500kb

Active Status - Checkbox

Add Submit (Button), Remove Data (Button) and Cancel (Button) below this fields to perform CRUD operation

Step - 2:

Create **STUDENT_INFO** Table with above related columns

Create **Degree** table with DEGREEID and DEGREE NAME column

Create **Branch** table with BRANCHID, DEGREEID and BRANCHNAME column

Fill the Branch in Step 1 according to degree selection.

Step - 3:- Click on Submit (Button) below **Step - 1** to perform CRUD operation

Display the Data in List-view/grid-view after click on 'Submit' Button and on page Load.

List-view Column as bellow :-

Check Box, Sr. No, Student Name, Date of Birth, Gender, Degree, Branch, Photo, Active-status, Edit, Delete,

Step - 5 - Check the 'Checkbox' from above List-view and click on 'Remove Data' button to remove the data with confirmation message, also if NO checkbox is checked then display message as 'Select at least one record to remove.'.

Step - 6 - Click on 'Edit' button of list-view to modify the record.

Step - 7 - Click on 'Cancel' button to clear the all controls of UI.

Note- After completion of machine test, required Application and DB backup for the same.

Result Expected :

- Create 3 tier architecture for this assignment.
- Connectivity method using ADO.Net
- Technology stack : ASP.NET, HTML, Bootstrap, CSS, J Query, Web API, SQL server
- Database design (like Create Table, Store procedure, Function etc with proper data types)
- Client side and Server side validation with Tab indexing and tool-tip

Refer the Below Screenshot for UI creation.

Student Information

* Student Name

* Date of Birth

* Gender ☐ Male ☐ Female

* Degree

* Branch

* Email ID

* Mobile No.

* Age

Active Status ☒ Active

* Photo Upload No file chosen

Upload Document No file chosen

Note

- ★ Photo Upload - Max. size should be 150 kb
- ★ Upload Document - Max. size should be 500 kb

<input type="checkbox"/>	Sr. No.	Student Name	Date Of Birth	Gender	Degree	Branch	Photo	Active Status	Edit	Delete
<input type="checkbox"/>	1	Anil Aambe	19-04-2023	Male	Bachelor Of Engineer	Computer Science		Active		