

Description: Assignment for the evaluation of skills pertaining to XHTML, CSS, DOM, XML, Ajax, JS, Object-oriented JS










Duration: 3 Days

Evaluation criteria:

1. Completeness of the exercise
2. Application of concepts
3. Application of the common/best practices
4. Overall aesthetic appeal
5. Extent of testing done

Assignment

1. Create an XML file with the students list
2. Load the students information from the XML file and show them in a grid, as shown below:

Student List						 Add
S. No.	Name	E-mail	Qualification	Created On	Action	
1	Student 1	ab@xy.in	MCA	6 Jan 2012		
2	Student 2	cd@xy.in	BE	7 Jan 2012		
3	Student 3	ef@xy.in	B.Tech.	2 Jan 2012		
4	Student 4	gh@xy.in	MCA	23 Dec 2011		

← Add – to add new student; Edit – to edit student information; Delete – to delete student information

NOTE the alternate background color used for the grid rows

3. Click on Add, shows the following window in a pop-up to allow the user to add a new student information

Name*:

E-mail*:

Qualification:

Submit

Reset

Submit – Close the window and add the new student to the above grid; Reset – clear the form; close icon on top-right corner – closes the window


NOTE the rounded corners

4. Clicking on the Edit icon on the grid opens up the above window with the values populated
5. When the user clicks on the Submit button validation shall be done to validate that the mandatory fields (marked with *****) are populated and they follow the following validation rules:
 - a. Name must have two words separated by space; only letters are allowed; first letter of each word must be in uppercase; must not be more than 20 characters long
 - b. E-mail field shall comply with the e-mail format – shall have a @ and . (dot)
6. In case there are errors, they must be shown on the top of the window and a help icon must be added next to every field with a tooltip that shall be shown on mouseover, as shown below:


Errors

1. Value entered in the Name field is invalid










2. Value entered in the E-mail field is invalid

Name*: 

E-mail*: 

Qualification: 

7. Now, change the styles in such a way that by applying them the views shall look like this:

Student List					 Add
S. No.	Name	E-mail	Qualification	Created On	Action
1	Student 1	ab@xy.in	MCA	6 Jan 2012	 
2	Student 2	cd@xy.in	BE	7 Jan 2012	 
3	Student 3	ef@xy.in	B.Tech.	2 Jan 2012	 
4	Student 4	gh@xy.in	MCA	23 Dec 2011	 

Errors

1. Value entered in the Name field is invalid

2. Value entered in the E-mail field is invalid