Induction Training - Project Specification

Group 4:- [Project For Admission Process For a College]

Use of HTML in Project:-

Case Study: Participants will create an Web Page using only HTML for capturing data for an online Admission System(For PrestigeInstitute). To Start with there will be a Home Page where they will use a suitable title and as a main content they will put various tools like TextBox , Buttons , Combo Box …etc. to practice and demonstrate their knowledge in HTML. The screen will capture various data from the user who are registering their detail like their Names, Address, Contact Nos., CourseName, Initial Amount etc.

Further a table will show the various courses that are available along with their price detail & Duration.

Further a Submit Button will be there so that once they click another screen will be opened in the browser where a confirmation message will be shown as a part of the confirmation.

Responsibility:-

- ✓ Add suitable color in the background to look the web page more attractive.
- ✓ Add some meaningful picture with suitable size on the same web page.
- ✓ Apply suitable fonts, colors , headings on various portions on the Text
- ✓ Apply various Links to display some shopping offers
- ✓ As a campaign using Marquee scroll some text so that visitors can see it properly.

Use of CSS in Project:-

Case Study: Using CSS participants will use the same Web page now to give some dynamic effects onto the same. Like around each Labels boxes can be applied, or on each text same color, same fonts, same size can be maintained using CSS.

Responsibility:-

- ✓ All the Labels should appear within some rectangular box.
- ✓ Padding should be applied as well logically.
- ✓ Apply suitable fonts, colors, headings on various portions on the Text.
- ✓ Use separate Fonts to display some Help Texts on the Same Web Page.
- ✓ And similar other guidelines will be communicated to the participants to test their knowledge.

Use of JavaScript in Project:-

Case Study: Using Java Script participants will use the same Web page now to add some more functionality within the page. Using JavaScript few validations can be implemented like Name of Customer can't be blank. Similarly E-Mail ID should not be blank.

Another validation can be like Initial Amount can't be less than 10000. So such kind of validations are to be implemented using JavaScript.

Responsibility:-

- ✓ Participants will consult among themselves and if required they can consult with the faculty.
- ✓ On Various controls proper validations should be implemented. Also before sending the data to other applications proper validations should be applied and also logical event handlings are to be implemented by the participants.
- ✓ In case some information is missing or the user has not mentioned anything then during submit process an error message should be displayed on the browser.
- ✓ Data to other applications with proper validations should be applied and also logical event handlings are to be implemented by the participants.
- ✓ In case some information is missing or the user has not mentioned anything then during submit process an error message should be displayed on the browser.

Use of SQL in Project:-

<u>Case Study:</u> Now for each transactions admission process) all the important information's like Student Name, Address their Contact Nos. ..etc. are to be stored within the SQL Database.

Participants will make appropriate tables (multiple tables are to be formed) and they will aptly implement the concept of normalization and plan well to construct the tables.

Responsibility:-

- ✓ Participants will consult among themselves and create a database and the tables.
- ✓ Once Items are purchased obviously there will be deduction from the stock of that item from the Stock. So desired that candidates will apply triggers in SQL Database.
- ✓ Now to handle carefully each transaction participants may go for using T-SQL statements to handle exceptional situations.

Use of Java in Project:-

<u>Case Study:</u> Using JDBC participants will establish the connectivity between a Java Application and the Database. Java Script being or HTML being a front end tool will call Java Programs to achieve that purpose.

Mostly the coding will be written basis on JDBC however they can use their own package and classes to increase the project more structured one.

Responsibility:-

Here the coding will be the major responsibility and it should be done in a collaborative model.