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1.0 Introduction

1.1 Purpose of this document

KASA IT Finishing school often conducts Corporate and initial training programs for companies and colleges. Employees get nominated for these trainings while the students register themselves. Feedback is provided by the participants once a training is over. The organization wants to automate the entire training process to make things simpler and more organized. To begin with they plan to automate just the feedback received from the Colleges.

The requirement is to design a webpage, that displays a training feedback form with the required parameters where the participants can type their training feedback for the trainers. So create a Web page "College Training Feedback Form" that has the following fields such as the participant name, college name, participant address, gender, email, mobile number, trainer's name, course name, course completion date and trainer's feedback rating and the Feedback should be displayed. The styles should be applied using CSS3 and the feedback should be displayed using Javascript.

1.2 Definitions & Acronyms

Definition / Acronym	Description
Nil	

1.2 Project Overview

This project enables to implement the concepts of Web technologies such as HTML5, CSS3 and Javascript and helps to acquire the skills required by a Web designer. The HTML5, CSS3 and Javascript requirements are given precisely so that the associate can implement the various concepts learned in all these web technologies. The individual associate is expected to carry out the knock out challenge and complete it within 2 hours.

1.3 Scope

The scope of KASA IT Finishing school - Feedback Automation is focused on the following:

1. Designing a Web page "College Training Feedback Form" with the specified fields.
2. Applying the styles using CSS to the components.
3. Using JavaScript for displaying the feedback.

1.4 Target Audience

Learner Level

1.5 Hardware and Software Requirements

1.5.1

#	Item	Specification/Version

1.5.2 Software Requirements

#	Item	Specification/Version
1 .	HTML	5
2 .	CSS	3
3 .	Javascript	

Note: All the required hardware and software will be provided in the TekStac platform

2.0 Functional Requirements

Req. #	Req. Name	Req. Description		
1	Design a Web page "College Training Feedback Form" with the specified fields.	Label Name	Component Name (Specify it for the "name" attribute)	Description
		Participant Name	participantName	To enter the name of the participant. It should be mandatory.
		College Name	collegeName	To enter the college name of the participant. It should be mandatory.
		Participant Address	participantAddress	To enter the address of the participant. Provide the correct tag and attribute to create a text

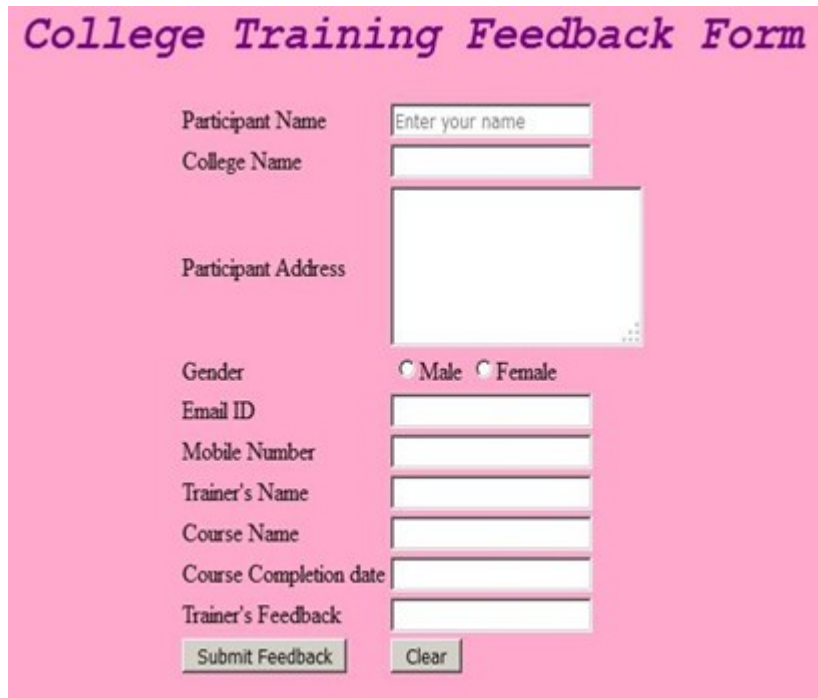
		<p>area with 5 rows and 20 columns.</p> <p>It should be mandatory.</p>
Gender	gender	<p>Select the gender.</p> <p>Provide the correct input type to make this component a radio button.</p> <p>It should be mandatory.</p>
Email ID	email	<p>To enter the email of the participant.</p> <p>Use type="email" or type="text". If you use type="text", use "pattern" attribute along with it.</p> <p>It should be mandatory.</p>
Mobile Number	mobileNumber	<p>To enter the mobile number.</p> <p>Use type="tel" or type="text" or type="number". If you use type="text" or type="number", use "pattern" attribute to accept whether the 10 digit mobile no starts with either one of the following numbers: 7,8 or 9</p> <p>It should be mandatory.</p>
Trainer's Name	trainerName	<p>To enter the trainer's name.</p> <p>It should be mandatory.</p>
Course Name	courseName	<p>To enter the course name for which the feedback is being provided.</p> <p>It should be mandatory.</p>
Course Completion date	dateofcompletion	<p>To select the date of completion of the course.</p> <p>Use type="date" or type="text". If you use type="text", use "pattern" attribute to accept the dateofcompletion in the following format : mm/dd/yyyy</p> <p>It should be mandatory.</p>
Trainer's Feedback	trainerFeedback	<p>An auto-complete feature should be available to the user for the following options.</p> <p>Excellent, Very Good, Good, Average, Below Average</p> <p>(Use DataList with id attribute's value as "feedback" to make use of auto-complete feature with options)</p> <p>Excellent, Very Good, Good, Average, Below Average).</p>

		<table><tr><td></td><td></td><td>It should be mandatory.</td></tr><tr><td>Submit Feedback</td><td>submit</td><td>The input type submit must be used.</td></tr><tr><td>Clear</td><td>reset</td><td>Reset Button. On clicking this button, all fields should be reset. Provide the input type for this component.</td></tr></table> <p>NOTE: The text highlighted in bold in the Description needs to be implemented in the code to complete the web page design. Use the Label Name and the Component Name as given. The Component Name is mandatory. All the necessary attributes for the Components should be given.</p> <p>All Tags, Elements and Attributes should conform to HTML5 Standards(All Tags, Elements and Attributes should be specified in Lowercase). All the fields are mandatory.</p>			It should be mandatory.	Submit Feedback	submit	The input type submit must be used.	Clear	reset	Reset Button. On clicking this button, all fields should be reset. Provide the input type for this component.			
		It should be mandatory.												
Submit Feedback	submit	The input type submit must be used.												
Clear	reset	Reset Button. On clicking this button, all fields should be reset. Provide the input type for this component.												
2	Apply the mentioned styles using CSS to the components	<p>1. Body color should be "#FFAACC".</p> <p>2. The heading should be done using <h1> tag, the text color should be "#770080", font should be "Courier New", style should be "italics" and it should be aligned to center of the webpage.</p> <p>3. The result should be bold and color of the text should be #770080.</p> <p>Note: Fill in the style tag so that the given styles are applied to the components.</p> <p>(Do not use Inline CSS)</p>												
3	Use JavaScript for displaying the feedback	<p>Use JavaScript for doing the following calculation:</p> <p>When the participant enters the valid values and clicks the "Submit Feedback" button, the feedback for the trainer has to be displayed based on the following assumptions :</p> <table><tr><td>Feedback</td><td>Feedback Rate</td></tr><tr><td>Excellent</td><td>5</td></tr><tr><td>Very Good</td><td>4</td></tr><tr><td>Good</td><td>3</td></tr><tr><td>Average</td><td>2</td></tr><tr><td>Below Average</td><td>1</td></tr></table> <p>The result should be displayed as "Feedback rating of <i>trainerName</i> is <i>feedbackRate</i> " in a div tag with id "result".</p> <p>Note: Use <code>getElementsByName()</code> or <code>getElementById()</code> function to retrieve the values.</p>	Feedback	Feedback Rate	Excellent	5	Very Good	4	Good	3	Average	2	Below Average	1
Feedback	Feedback Rate													
Excellent	5													
Very Good	4													
Good	3													
Average	2													
Below Average	1													
4	form Tag with attribute onsubmit	<p>form Tag is already given in the code template. Do not change the code template and do the coding as per the requirement and specification.</p> <p>Make sure that the onsubmit attribute in the form tag is invoking the JavaScript function like "return calculateFeedbackRating()".</p> <p>Also ensure that "return false;" statement is the last line of the JavaScript function "calculateFeedbackRating()".</p>												

3.0 Design Specifications

3.1 UI Design

Sample Webpage:



The image shows a web form titled "College Training Feedback Form" in a purple, stylized font. The form is set against a pink background. It contains several input fields and two buttons. The fields are labeled: "Participant Name" (with a placeholder "Enter your name"), "College Name", "Participant Address" (a larger text area), "Gender" (with radio buttons for "Male" and "Female"), "Email ID", "Mobile Number", "Trainer's Name", "Course Name", "Course Completion date", and "Trainer's Feedback". At the bottom, there are two buttons: "Submit Feedback" and "Clear".

Participant Name	<input type="text" value="Enter your name"/>
College Name	<input type="text"/>
Participant Address	<input type="text"/>
Gender	<input type="radio"/> Male <input type="radio"/> Female
Email ID	<input type="text"/>
Mobile Number	<input type="text"/>
Trainer's Name	<input type="text"/>
Course Name	<input type="text"/>
Course Completion date	<input type="text"/>
Trainer's Feedback	<input type="text"/>
<input type="button" value="Submit Feedback"/> <input type="button" value="Clear"/>	

On providing the values the web page should look as follows :

Output Webpage:

College Training Feedback Form

Participant Name	<input type="text" value="James Franklin"/>
College Name	<input type="text" value="ABC Engg College"/>
Participant Address	<input type="text" value="60, Nehru Street
Chennai"/>
Gender	<input type="radio"/> Male <input checked="" type="radio"/> Female
Email ID	<input type="text" value="james_frank@gmail.com"/>
Mobile Number	<input type="text" value="8179645387"/>
Trainer's Name	<input type="text" value="Raghu"/>
Course Name	<input type="text" value="Web Technologies"/>
Course Completion date	<input type="text" value="09-25-2017"/>
Trainer's Feedback	<input type="text" value="Excellent"/>
<input type="button" value="Submit Feedback"/>	<input type="button" value="Clear"/>

Feedback rating of Raghu is 5