Web Development Client Side

Lab 03

Form and Styling

You need to be present in the lab to get a mark

You must design your own unique form, similar forms will attract zero marks

Objective:

1. Design and Create a HTML Form for a given situation

2. Style the form using CSS

File Setup

1. Create a lab03 folder in your WebDevCS folder
2. Download the formtemplate from Moodle and save it as index.html file in the lab03 folder
3. Create a css folder in WebDevCS folder
4. Save the css file as formstyling.css, in the folder called *css*
   (Ensure that you link to your css files correctly)
5. Make sure that the form tags <form> …….</form> surround the forms and that these tags only appear ONCE on the form page.

File Submission

Zip your files into lab3<studentnumber>.zip and submit to Moodle.

Ensure that they are working correctly in the lab03 folder before submitting.

Exercise

HTML Form

Your local restaurant has decided to do take-away meals for customers.

They have asked you as a Web Developer to design and create a form for their Web app.

Form Details

The form should contain the following details to allow the customer to place an order for collection:

- Customer Name, email, mobile phone number
- Details about starters, main courses, desserts, children's menus and specials
  User should be allowed select more than one starter, main course, etc

The form should be designed to include the following in HTML:

- Labels and Textfields
- Radio Buttons
- CheckBoxes
- Data List
- A text area so that the customer can enter some comments, eg not too spicy
- Include appropriate FieldSets and Legends

Demonstrate the use of the following input attributes:

- Autocomplete
- Size
- Maxlength
- Autofocus
- Placeholder
- Required

Submit

When the user clicks on the submit button, a message should appear on the screen as follows::

Thank you for your order, please collect your order at 5pm

CSS Styling

The form should be technology responsive, ie the form should render well on all devices.

Image

Include an appropriate image as the background image.

You may need to set the opacity of the background image to ensure that the text is legible.

The following link may help.

https://coder-coder.com/background-image-opacity/

Fieldsets and Legend

- Ensure spacing is correct, padding and margins are correctly styled
- Include a solid border with rounded corners
- Use a different font and colour for the legend

Radio and Checkboxes

- Ensure that the text comes after the label in radio and checkboxes and that they are styled appropriately.

DataList

- Ensure that they are styled appropriately.

Labels

- Ensure the text area appears under the element

Inputs and Text Area

- Input – set padding to appropriate em with solid border
- Width of email and text is 20em
- Textarea should have a minimum height of 10em, appropriate padding, min width 100% and a solid border

Submit Button

- Customise the submit button to have a background colour and text colour.

Large Screen Rules

- Ensure that if the form is displayed on a large screen, it is centred

  Hint – use @media screen rule and appropriate styling

Focus

- When a field is selected, include a shadow and background colour on the focus.

Sample Solution

A sample solution is as follows, this may not include all criteria required.
Please design your own form – do not submit a form similar to this solution

Contact Us

Welcome to our online menu. Sorry we havent been around much during covid so we would like to offer you **15%** discount on your next order!

Your Name:

Email:

Phone:

123-45-678

Format: 085-45-678

Choose a delivery time:

--:-- -- Opening times are 1pm to 12am

Starters

- ☐ **Chicken Sweetcorn Soup :** Traditional Spiced Soup With Chicken And Sweetcorn.
- ☐ **Chicken Satay :** Succulent Fillets Of Chicken, Marinated In Peanut Satay Sauce And Garlic.
- ☐ **Sesame Prawn Toast :** Homemade Brioche Smothered With Prawn And Scallion Mousse.
- ☐ **Pork Belly Slow Cooked Overnight :** In Soy, Chilli And Ginger Glaze.

Mains

- ☐ **Crispy Chilli Beef :** Julienne Crispy Fillet Beef with Sweet Peking Sauce.
- ☐ **Black Pepper Beef :** Thinly Sliced Fillet Beef Served, Homemade Black Pepper Sauce.
- ☐ **Coconut Chicken Curry :** Delicate, Light Curry Sauce, With Hints Of Coconut.
- ☐ **Prawn Chicken Fried Rice (No Rice Side Included) :** Stir Fried With Prawn and chicken.

Desserts

- ☐ **Chocolate Brownie :** With Vanilla Ice Cream And Chocolate Sauce.
- ☐ **Ice Cream Sundae :** With Vanilla Ice Cream And Either Caramel Or Chocolate Sauce.
- ☐ **Strawberry Cheese Cake :** With Vanilla Ice Cream Or Whipped Cream.