



Green University of Bangladesh
Department of Computer Science and Engineering (CSE)
Faculty of Sciences and Engineering
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Lab Report NO: 3

Course Title: Web Programming Lab
Course Code: CSE-302 Section: 213-D23

Lab Experiment Name: Designing an HTML Form with CSS Styling

Student Details

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Lab Date : 25/03/24
Submission Date : 01/04/24
Course Teacher's Name : Sharifur Rahman

Lab Report Status

Marks:

Signature:.....

Comments:.....

Date:.....

1. TITLE OF THE LAB REPORT EXPERIMENT

Designing an HTML Form with CSS Styling.

2. OBJECTIVES/AIM

The objective of this HTML form is to collect user information including name, email, password, gender, and country selection. Additionally, it provides the functionality to toggle the visibility of the password field.

3. PROCEDURE / ANALYSIS / DESIGN

1. HTML Structure:

- Create an HTML file using VS CODE.
- Set up the basic structure of the HTML document including <html>, <head>, and <body> tags.

2. Form Creation:

- Inside the <body> tag, create a <form> element to contain the form fields.
- Create input fields for Name, Email, Password, Gender, and Country selection using appropriate HTML input types (text, email, password, radio, select).
- Add appropriate <labels> for each input field to improve accessibility.
- Use the required attribute for mandatory fields (Name, Email, Password).
- Include a checkbox to toggle the visibility of the password field.

3. CSS Styling:

- To style the form elements (input fields, labels, etc.) for better presentation.

4. IMPLEMENTATION

```
<!DOCTYPE html>
<html>
<head>
  <title>Form Design</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      background-color: #f4f4f4;
    }
    .container {
      width: 50%;
      margin: 50px auto;
      background-color: #fff;
      padding: 20px;
      border-radius: 10px;
```

```

        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
    }
    form {
        margin-top: 20px;
    }

    label {
        display: block;
        margin-bottom: 5px;
    }
    input[type="text"],
    input[type="email"],
    input[type="number"],
    select {
        width: calc(100% - 10px);
        padding: 10px;
        margin-bottom: 10px;
        border: 1px solid #ccc;
        border-radius: 5px;
    }
    input[type="radio"] {
        margin-right: 5px;
    }
    input[type="submit"] {
        padding: 10px 20px;
        background-color: green;
        border: none;
        color: white;
        border-radius: 5px;
        cursor: pointer;
    }
</style>
</head>
<body>
<div class="container">
    <form>
        <label for="name">Name:</label>
        <input type="text" id="name" name="name" required>
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required>
        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required>
        <div class="hide-password"> </div>
        <label>Gender:</label>
        <input type="radio" id="male" name="gender" value="male">
        <label for="male">Male</label>
        <input type="radio" id="female" name="gender" value="female">
        <label for="female">Female</label>
        <label for="country">Country:</label>
        <select id="country" name="country">
            <option value="usa">Bangladesh</option>
            <option value="usa">Australia</option>
            <option value="usa">USA</option>

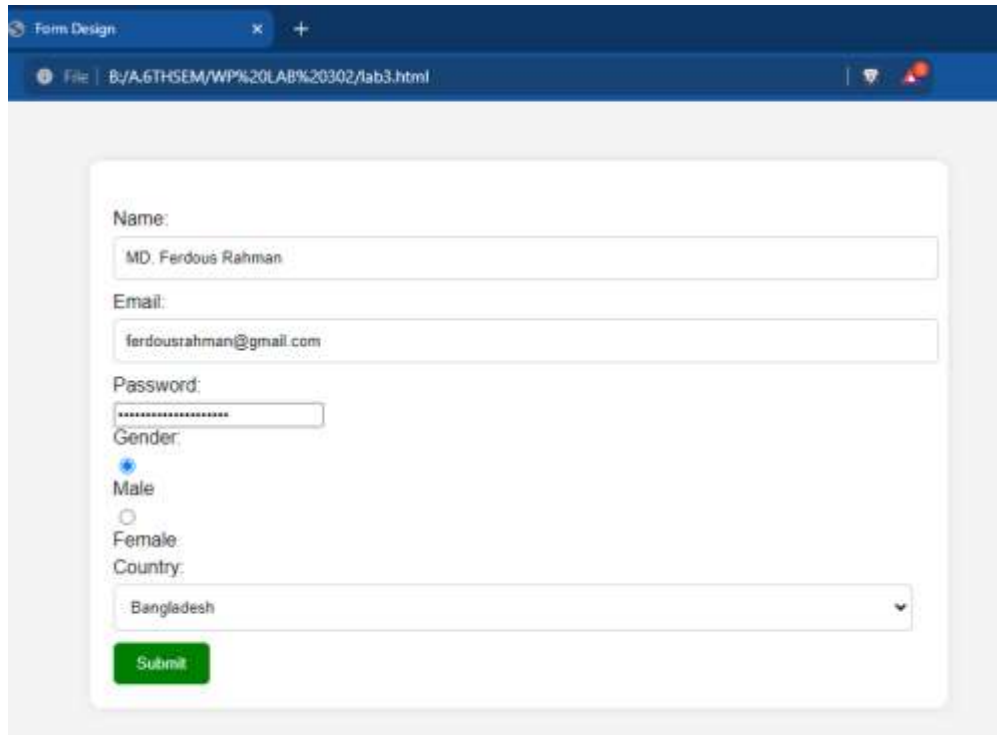
```

```

        <option value="uk">UK</option>
        <option value="canada">Canada</option>
        <option value="australia">Palestine</option></select>
        <input type="submit" value="Submit">
    </form>
</div>
</body>
</html>

```

5. TEST RESULT / OUTPUT



The screenshot shows a web browser window with the title 'Form Design'. The address bar displays the file path 'B:/A.6THSEM/WP%20LAB%20302/lab3.html'. The form itself is a light gray box with the following elements:

- Name:** A text input field containing 'MD. Ferdous Rahman'.
- Email:** A text input field containing 'ferdousrahman@gmail.com'.
- Password:** A text input field with a password visibility toggle (a small square icon).
- Gender:** Two radio button options: 'Male' (selected) and 'Female'.
- Country:** A dropdown menu showing 'Bangladesh'.
- Submit:** A green button with the text 'Submit'.

6. ANALYSIS AND DISCUSSION

The HTML form efficiently collects user information like name, email, and country, while providing a password visibility toggle. It emphasizes clarity and user control, with CSS styling for visual appeal and security considerations for data protection. Further improvements, such as real-time validation, could enhance its functionality based on user feedback.

7. SUMMARY:

The HTML form efficiently collects user information with fields for name, email, and country, while also offering a password visibility toggle. It prioritizes clarity and user control, CSS styling for visual appeal, and considers security measures for data protection.