DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

Title: Create and design interactive FORMS using HTML and CSS

WEB PROGRAMMING LAB

CSE 302

GREEN UNIVERSITY OF BANGLADESH

1   Objective(s)

- To gather knowledge of HTML form.

- To implement an interactive form using HTML and CSS.

2   Problem analysis

HTML Forms are required, when we want to collect some data from the site visitor. For example, during user registration you would like to collect information such as name, email address, credit card, etc. A form will take input from the site visitor and then will post it to a back-end application such as CGI, ASP Script or PHP script etc. The back-end application will perform required processing on the passed data based on defined business logic inside the application. There are various form elements available like text fields, textarea fields, drop-down menus, radio buttons, checkboxes, etc.

3   Implementation in HTML and CSS

```
1   <!DOCTYPE>
2   <html>
3       <head>
4           <link rel="stylesheet" href="lab4.css">
5
6       </head>
7
8       <body>
9           <h1>Form using HTML and CSS</h1>
10
11          <div class="wrapper">
12              <div class="title">Registration Form</div>
13                  <div class="form">
14
15                      <div class="input-field">
16                          <label>First Name:</label>
17                          <input type="text" class="input" placeholder="Enter your
                                first name:" required>
18
19                      </div>
20
21                      <div class="input-field">
22                          <label> Last Name:</label>
23                          <input type="text" class="input" placeholder="Enter your
                                last name">
24
25                      </div>
26
27                      <div class="input-field">
28                          <label>Password:</label>
29                          <input type="password"class="input" placeholder="Enter a
                                password" required>
30                      </div>
31
32                      <div class="input-field">
33                          <label>Email</label>
34                          <input type="email" class="input" placeholder="Enter
                                your email id" required>
35
36                      </div>
```

```
37
38                          <div class="input-field">
39                              <label>District</label>
40                                  <select>
41                                      <option value="dhaka">Dhaka</option>
42                                      <option value="ctg">ctg</option>
43                                      <option value="comilla">comilla</option>
44                                  </select>
45                          </div>
46
47                          <div class="input-field">
48                              <label>Full Address</label>
49                              <textarea name="address" rows="10" cols="30">
50                               </textarea>
51                          </div>
52
53                          <div class="input-field">
54                              <label>Picture</label>
55                              <input type="file">
56                          </div>
57
58                          <div class="input-field-2">
59                              <div class="check">
60                                  <label> Male</label>
61                                  <input type="checkbox" value="male">
62                                  <label> Female</label>
63                                  <input type="checkbox" value="female">
64
65                              </div>
66
67                          <div>
68
69                          <div class="input-field-3">
70                              <button value="submit" class="btn"> Submit</button>
71                          </div>
72
73                          <div class="input-field-3">
74                              <input type="submit" value="Register" class="btn2">
75                          </div>
76
77
78                      </div>
79
80          </div>
81      </body>
82 </html>
```

4   Input/Output

Output of the program is given below.

Figure 1: Form using HTML and CSS

5 Discussion & Conclusion

Based on the objective(s) to understand about HTML form, the additional lab exercise made me more confident towards the fulfilment of the objectives(s).

6 Lab Task (Please implement yourself and show the output to the instructor)

1. Implement interactive form.

6.1 Problem analysis

Design a form using different form elements like <input>, <label>, <select>, <textarea>. In <input> elements, you should use text, radio,checkbox,file, date,button type.

6.2 Sample output

Figure 2: Sample form

7 Lab Exercise (Submit as a report)

- Implement form using HTML.
- Implement form using HTML with external CSS

8 Policy

Copying from internet, classmate, seniors, or from any other source is strongly prohibited. 100% marks will be *deducted* if any such copying is detected.