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| --- | --- | --- |
|  | **BAHRIA UNIVERSITY, (Karachi Campus)**  *Department of Software Engineering*  **Assignment 2 – Spring 2022** |  |



COURSE TITLE: **Web Engineering**

COURSE CODE: **SEN 310**

Class: **BSE-6** Shift: **Morning**

Course Instructor:  **Talha Bin Saeed**  Deadline**: 7-May-22**

Date: **12-Apr-2022**  Max. Marks: **4.5 Marks**

**Question No. 1 [CLO3: 4.5 Marks]**

**Using the knowledge gained by learning and implementing HTML5, CSS, Bootstrap, Flexbox and Javascript Basics. Extend your Assignment 1 website. The color themes and good concepts should be visible on your website. Submission must includes the following:**

1. **Html5 Script**
2. **CSS/Flexbox Script**
3. **Javascript**
4. **Bootstrap**
5. **Screenshot of your website**

## MAIN PAGE:

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Caveat|Trirong">

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"

    integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

  <title>Assignment 2</title>

  <link rel="stylesheet" type="text/css" href="style.css">

</head>

<body>

  <header>

    <nav class="navbar navbar-expand-md navbar-dark bg-dark">

      <div class="container-fluid">

        <img src="pictures/hareem.png">

        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarCollapse"

          aria-controls="navbarCollapse" aria-expanded="false" aria-label="Toggle navigation">

          <span class="navbar-toggler-icon"></span>

        </button>

        <div class="collapse navbar-collapse" id="navbarCollapse">

          <ul class="navbar-nav me-auto mb-2 mb-md-0">

            <li class="nav-item">

              <a class="nav-link active" aria-current="page" href="#">Home</a>

            </li>

            <li class="nav-item">

              <a class="nav-link" href="#contactme">Contact Us</a>

            </li>

          </ul>

          <form class="d-flex">

            <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search">

            <button class="btn btn-outline-success" type="submit" style="margin-left: 10px;">Search</button>

          </form>

        </div>

      </div>

  </header>

  <div class="container">

    <div class="row">

      <div class="col-lg-4">

        <img src="pictures/lisavogue.jpg">

        <h2>VOGUES</h2>

        <p>Fashion,

          Beauty,

          Art and lifestyle,

          Runaway,

          Shopping,

          News</p>

        <p><a class="btn btn-secondary" href="#vogue">VOGUES</a></p>

      </div>

      <div class="col-lg-4">

        <img src="pictures/download (1).jpg">

        <h2>FLOWERS</h2>

        <p>vibrant, bright-colored, blooming and beautiful flowers </p>

        <p><a class="btn btn-secondary" href="#flowers">FLOWERS</a></p>

      </div>

      <div class="col-lg-4">

        <img src="pictures/vin2.png">

        <h2>VINTAGE</h2>

        <p>antique, old-fashioned, old-school, old-time, old-world, quaint, retro, retrograde

        </p>

        <p><a class="btn btn-secondary" href="#vintage">VINTAGE</a></p>

      </div>

    </div>

  </div>

  <div id="vogue">

    <h1>VOGUES</h1>

    <div class="container" id="cont">

      <hr class="featurette-divider">

      <div class="row featurette">

        <div class="col-md-7">

          <div class="imagebox">

            <div class="image"><img src="pictures/g1 (37).jpeg"></div>

            <div class="image"><img src="pictures/g1 (38).jpeg"></div>

            <div class="image"><img src="pictures/g1 (17).jpeg"></div>

            <div class="image"><img src="pictures/g1 (18).jpeg"></div>

            <div class="image"><img src="pictures/g1 (19).jpeg"></div>

            <div class="image"><img src="pictures/g1 (20).jpeg"></div>

            <div class="image"><img src="pictures/g1 (21).jpeg"></div>

            <div class="image"><img src="pictures/g1 (40).jpeg"></div>

            <div class="image"><img src="pictures/42.jpeg"></div>

            <div class="image"><img src="pictures/43.jpeg"></div>

            <div class="image"><img src="pictures/44.jpeg"></div>

            <div class="image"><img src="pictures/taeyungvogue.jpg"></div>

            <div class="image"><img src="pictures/Taehyung Vogue.jpg"></div>

            <div class="image"><img src="pictures/bella.jpg"></div>

            <div class="image"><img src="pictures/hailey.jpg"></div>

            <div class="image"><img src="pictures/2018.jpg"></div>

          </div>

        </div>

        <div class="col-md-5">

          <img src="pictures/Ariana Grande Vogue.jpg">

        </div>

      </div>

    </div>

  </div>

  <div id="flowers">

    <h1>FLOWERS</h1>

    <div class="container" id="cont">

      <hr class="featurette-divider">

      <div class="row featurette">

        <div class="col-md-7 order-md-2">

          <div class="imagebox">

            <div class="image"><img src="pictures/g1 (4).jpeg"></div>

            <div class="image"><img src="pictures/g1 (5).jpeg"></div>

            <div class="image"><img src="pictures/g1 (6).jpeg"></div>

            <div class="image"><img src="pictures/g1 (7).jpeg"></div>

            <div class="image"><img src="pictures/g1 (8).jpeg"></div>

            <div class="image"><img src="pictures/g1 (9).jpeg"></div>

            <div class="image"><img src="pictures/g1 (10).jpeg"></div>

            <div class="image"><img src="pictures/g1 (11).jpeg"></div>

            <div class="image"><img src="pictures/g1 (12).jpeg"></div>

            <div class="image"><img src="pictures/g1 (15).jpeg"></div>

            <div class="image"><img src="pictures/g1 (16).jpeg"></div>

            <div class="image"><img src="pictures/g1 (13).jpeg"></div>

          </div>

        </div>

        <div class="col-md-5 order-md-1">

          <img src="pictures/ruskflower (1).jpg">

        </div>

      </div>

    </div>

  </div>

  <div id="vintage">

    <h1>VINTAGE</h1>

    <div class="container" id="cont">

      <hr class="featurette-divider">

      <div class="row featurette">

        <div class="col-md-7">

          <div class="imagebox">

            <div class="image"><img src="pictures/g1(39).jpeg"></div>

            <div class="image"><img src="pictures/g1 (23).jpeg"></div>

            <div class="image"><img src="pictures/g1 (24).jpeg"></div>

            <div class="image"><img src="pictures/g1 (25).jpeg"></div>

            <div class="image"><img src="pictures/g1 (26).jpeg"></div>

            <div class="image"><img src="pictures/g1 (30).jpeg"></div>

            <div class="image"><img src="pictures/g1 (28).jpeg"></div>

            <div class="image"><img src="pictures/g1 (29).jpeg"></div>

            <div class="image"><img src="pictures/g1 (27).jpeg"></div>

            <div class="image"><img src="pictures/41.jpeg"></div>

            <div class="image"><img src="pictures/g1 (31).jpeg"></div>

            <div class="image"><img src="pictures/last.jpg"></div>

          </div>

        </div>

        <div class="col-md-5">

          <img src="pictures/g1 (32).jpeg">

        </div>

      </div>

    </div>

  </div>

  <div class="container">

    <button id="but" style="background-color: #f6bd60;" onclick="colorchangerajah()">Rajah</button>

    <button id="but" style="background-color: #f28482;" onclick="colorchangefroly()">Froly</button>

    <button id="but" style="background-color: #b3dbd8;" onclick="colorchangeziggurat()">Ziggurat</button>

    <button id="but" style="background-color: #c8b88a;" onclick="colorchangesorrell()">Sorrell Brown</button>

    <button id="but" style="background-color: #c892e3;" onclick="colorchangelavender()">Lavender</button>

    <button id="but" style="background-color: #f0f0f0; border: 1px solid black;" onclick="original()">Original</button>

  </div>

  <footer>

    <div class="container" id="contactme">

      <div class="col-md-5">

        <p class="para">&copy; 2022 Website, Inc. ALL RIGHTS RESERVED | <br>MADE BY HAREEM FATIMA</p>

        <button><a href="#">Back to top</a></button><br><br>

        <button><a href='feedback.html'>Send Feedback</a></button>

      </div>

      <div class="form-group">

        <label>CONTACT US</label>

        <input type="email" class="form-control" id="mail" placeholder="example@gmail.com" pattern="[a-z0-9.\_%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$" required><br>

        <textarea type="text" class="form-control" id="message" placeholder="Message" required></textarea><br>

        <center><button type="submit" class="btn" id="send">Send</button></center>

      </div>

    </div>

  </footer>

  <script src="assignment2.js"></script>

  </div>

</body>

</html>

## FEEDBACK PAGE:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>form validation</title>

    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Caveat|Trirong">

    <link rel="stylesheet" href="styles.css">

    <link rel="stylesheet" href="mainstyle.css">

</head>

<style>

    input[type=submit] {

        width: 100px;

        padding: 8px 20px;

        margin: 30px;

        border: 1px solid #2e2e41;

        background-color: #2e2e41;

        border-radius: 5px;

        color: white;

        font-family: 'century gothic';

        box-sizing: border-box;

    }

    input[type=reset] {

        width: 100px;

        padding: 8px 20px;

        margin: 30px;

        border: 1px solid #2e2e41;

        background-color: #2e2e41;

        border-radius: 5px;

        color: white;

        font-family: 'century gothic';

        box-sizing: border-box;

    }

    input {

        width: 250px;

        padding: 8px 15px;

        border: 1px solid #ccc;

        background-color: rgb(238, 230, 230);

        border-radius: 5px;

        box-sizing: border-box;

    }

    .container {

        display: flex;

        justify-content: center;

        flex-direction: row;

        width: 450px;

        height: 400px;

        border-radius: 10px;

        background-color: #ccc;

    }

    h1 {

        display: flex;

        justify-content: center;

        margin: 30px;

        font-family: 'Caveat';

    }

</style>

<body>

    <div class="main">

        <div class="container">

            <div class="box">

                <h1>Feedback Form</h1>

                <form method="post">

                    <center>

                        <table cellpadding="3">

                            <tr>

                                <td>Full Name </td>

                                <td><input type="text" name="fname" required id="name"></td>

                            </tr>

                            <tr>

                                <td>Email Address</td>

                                <td colspan="2"><input type="email" required placeholder="example@email.com" id="email">

                                </td>

                            </tr>

                            <tr>

                                <td>Phone</td>

                                <td><input type="number" maxlength="11" id="phone" required pattern="[0-9]{4}[0-9]{7}">

                                </td>

                            </tr>

                            <tr>

                                <td>Message</td>

                                <td><textarea id="msg" placeholder="Message"></textarea></td>

                            </tr>

                        </table>

                        <input type="submit" id="register" value="Send">

            </div>

        </div>

    </div>

    <div class="back">

        <button class="btn"><a href='Assignment2.html '>Back</a></button>

    </div>

    <script src="assignment2.js"></script>

</body>

</html>

## STYLE.CSS FILE:

\* {

  margin: 0;

  padding: 0;

  box-sizing: border-box;

  scroll-behavior: smooth;

  font-family: 'century gothic';

}

body{

  background-color: #f0f0f0;

}

.container-fluid img{

  width: 120px;

  height: auto;

}

#but{

  margin: 10px;

}

a{

  text-decoration: none;

  font-size: medium;

  color: white;

}

a:hover {

  color: black;

  transition: 0.2s;

  transform: scale(1.1);

}

button:hover{

  background-color: teal;

  transition: 0.2s;

  transform: scale(1.1);

}

img {

  width: 130px;

  height: auto;

  margin: 10px;

  transition: all 0.5s;

  border-radius: 4px;

}

img:hover {

  transform: scale(1.1);

  box-shadow: 5px 4px 4px #a0a4a7;

}

h1 {

  font-size: 3em;

  text-align: center;

  color: #194546;

  text-shadow: 4px 4px 4px #a0a4a7;

  animation: animate 2s 1s forwards;

  opacity: 0;

}

@keyframes animate {

  from {

    transform: translateX(-400px);

    opacity: 0;

  }

  to {

    transform: translateX(0);

    opacity: 1;

  }

}

#vogue {

  margin-top: 30px;

  padding: 0px 20px;

  display: flex;

  flex-wrap: wrap;

  justify-content: center;

}

#flowers {

  margin-top: 30px;

  padding: 0px 20px;

  display: flex;

  flex-wrap: wrap;

  justify-content: center;

}

#vintage {

  margin-top: 30px;

  padding: 0px 20px;

  display: flex;

  flex-wrap: wrap;

  justify-content: center;

}

#box {

  display: flex;

  flex-wrap: wrap;

  flex-direction: column;

  margin: 0px;

  background-color: #f0f0f0;

}

footer{

  position:relative;

  bottom: 0;

  width: 100%;

  background-color: #9cc0c2;

  display: flex;

  flex-wrap: wrap;

  margin-top: 10px;

}

.container {

  margin-top: 10px;

  display: flex;

  flex-wrap: wrap;

  flex-direction: row;

  justify-content: center;

}

span {

  font-size: 1.5em;

  color: #516779;

}

.btn {

  background-color: teal;

  color: white;

  width: 100px;

  border-radius: 3px;

  border-color: teal;

  font-family: 'trirong';

}

.btn:hover {

  background-color: #73a1c7;

  color: black;

  border: #73a1c7;

  transition: 0.2s;

  transform: scale(1.1);

}

.form-control {

  box-shadow: 2px 2px 4px grey;

  border: none;

  padding: 20px;

  transition: all 0.5s;

}

textarea[type=text],

select {

  width: 100%;

  padding: 8px 20px;

  margin: 10px 0;

  display: inline-block;

  border: 1px solid #ccc;

  background-color: gainsboro;

  border-radius: 2px;

  box-sizing: border-box;

}

input[type=email],

select {

  width: 100%;

  padding: 8px 20px;

  margin: 10px 0;

  display: inline-block;

  border: 1px solid #ccc;

  background-color: gainsboro;

  border-radius: 2px;

  box-sizing: border-box;

}

label,p {

  color: black;

  font-family: 'Caveat';

  font-size: large;

}

.para{

  margin-top: 20px;

  margin-left: 20px;

}

button{

  background-color: #194546;

  text-decoration: none;

  border-color: #194546;

  width: 150px;

  border: #194546;

  border-radius: 5px;

  padding: 8px 10px;

}

.form-group {

  width: 300px;

  margin-top: 20px;

  margin-bottom: 20px;

  position: relative;

}

::placeholder {

  font-family: 'century gothic';

}

.container .col-lg-4 {

  margin-bottom: 1.5rem;

  text-align: center;

  margin-top: 1.5rem;

}

.container h2 {

  font-weight: 400;

  margin-top: 10px;

  color: #516779;

  font-family: 'trirong';

}

/\* rtl:begin:ignore \*/

.container .col-lg-4 p {

  margin-right: 1.25Rem;

  margin-left: 1.25Rem;

}

.col-md-5 img {

  width: 400px;

  height: auto;

}

.col-md-5 order-md-1 img {

  width: 400px;

  height: auto;

}

.col-lg-4{

  border: 1px solid #4a154b;

  border-radius: 5%;

  width: 320px;

  margin: 20px;

  background-color: #f5cac3;

}

.col-lg-4:hover{

  transition: 0.5s;

  transform: scale(1.03);

  background-color: #d1d2d2;

}

#cont{

  background-color: #f7ede2;

  border: 1px solid #516779;

  border-radius: 10px;

}

.col-lg-4 img {

  width: 140px;

  height: 140px;

  border-radius: 50%;

}

.image {

  width: fit-content;

}

.imagebox {

  display: flex;

  flex-wrap: wrap;

}

## STYLES.CSS FILE:

.btn {

    background-color: #4c588d;

    padding: 8px;

    width: 100px;

    border: 1px solid #4c588d;

    border-radius: 4px;

    box-shadow: 2px 2px 5px #9cc0c2;

}

a{

    text-decoration: none;

    color: white;

}

.back {

    margin-top: 20px;

    display: flex;

    justify-content: center;

    flex-direction: row;

}

textarea {

    width: 250px;

    height: 100px;

    padding: 8px 15px;

    border: 1px solid #ccc;

    background-color: rgb(238, 230, 230);

    border-radius: 5px;

    box-sizing: border-box;

}

## MAINSTYLE.CSS FILE:

\* {

    margin: 0;

    box-sizing: border-box;

    font-family: 'century gothic';

}

.box {

    margin: 20px;

    display: flex;

    justify-content: center;

    flex-direction: column;

}

.main {

    display: flex;

    justify-content: center;

    margin: 50px;

    padding: 20px;

}

## JAVASCRIPT:

var name = document.getElementById("name")

var email = document.getElementById("email")

var phone = document.getElementById("phone")

var message = document.getElementById("msg")

var enter = document.getElementById("register")

var reset = document.getElementById("reset")

enter.addEventListener("click", function () {

    if (phone.value.length > 11) {

        phone.setCustomValidity("phone number should not be greater than 10 digits")

    }

    else if (email.value === '') {

        email.setCustomValidity("Invalid E-mail address!");

    }

    else if (message.value.length > 0) {

        alert("Feedback sent!!\nThanks for your feedback!!\n\nHave a nice day!!")

    }

})

//color change js

function colorchangerajah() {

    document.body.style.backgroundColor = "#f6bd60";

}

function colorchangefroly() {

    document.body.style.backgroundColor = "#f28482";

}

function colorchangeziggurat() {

    document.body.style.backgroundColor  = "#b3dbd8";

}

function colorchangesorrell() {

    document.body.style.backgroundColor = "#c8b88a";

}

function colorchangelavender() {

    document.body.style.backgroundColor  = "#c892e3";

}

function original() {

    document.body.style.backgroundColor  = "#f0f0f0";

}

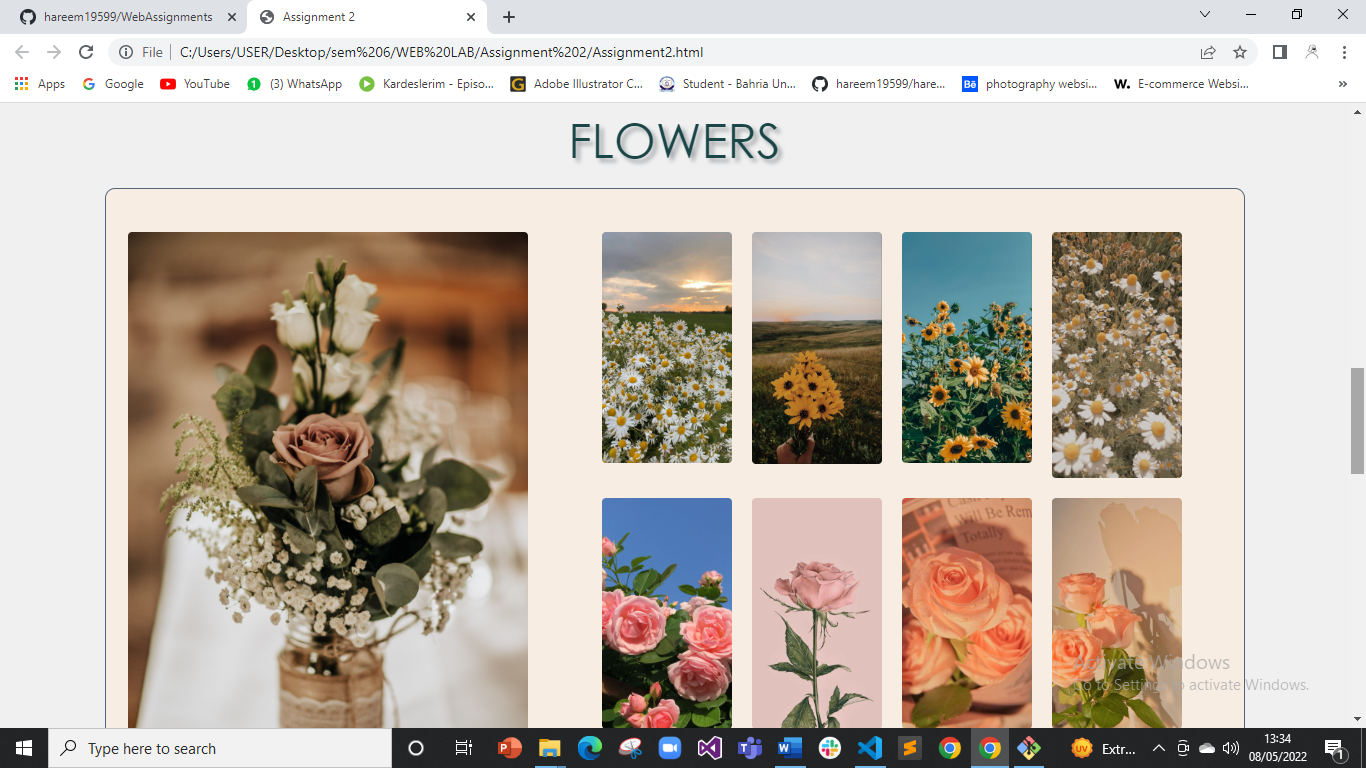
//feedback sent

\*\*BOOTSTRAP LINKS ARE ATACHED IN THE MAIN PAGE\*\*

Graphical user interface, application, website

Description automatically generatedGraphical user interface, website

Description automatically generatedGraphical user interface

Description automatically generatedGraphical user interface, application

Description automatically generatedA screenshot of a computer

Description automatically generated with low confidenceGraphical user interface, website

Description automatically generatedGraphical user interface, application

Description automatically generated