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|  | **BAHRIA UNIVERSITY, (Karachi Campus)**  *Department of Software Engineering5*  **Assignment 1 – Spring 2022** |  |



COURSE TITLE: **Web Engineering**

COURSE CODE: **SEN 310**

Class: **BSE-VI** Shift: **Morning**

Course Instructor: **Engr. Talha Bin Saeed** Deadline**: 31-Mar-2022**

Date: **12-Mar-2022** Max. Marks: **5 Marks**

**Name: Syed Muhammad Shoaib 02-131192-030**

**Question No. 1 [CLO3: 5 Marks]**

**Using the knowledge gained by learning and implementing HTML5, CSS and Flexbox. Design a single page website which should be based on your own interests and hobbies. The color themes and good concepts should be visible on your website. Submission must includes the following:**

1. **Html5 Script**
2. **CSS Script**
3. **Screenshot of your website**

**Html5 Script**

<!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="style.css">

    <link rel="stylesheet" media="screen and (max-width:800px)" href="tablet.css">

    <link rel="stylesheet" media="screen and (max-width:530px)" href="mobile.css">

    <title>Portfolio</title>

</head>

<body>

    <nav class="navbar">

        <ul>

            <li><a href="#home">Home</a></li>

            <li><a href="#about">About</a></li>

            <li><a href="#portfolio">Portfolio</a></li>

            <li><a href="#contact">Contact</a></li>

        </ul>

    </nav>

    <section id="home">

        <div class="main">

            <h1 class="headings">I AM <br> SYED MUHAMMAD SHOAIB <br> WEB DEVELOPER</h1>

            <br>

            <button class="btn">

               Download My CV

            </button>

        </div>

    </section>

    <section id="about">

        <h1 class="headings">ABOUT ME</h1>

        <div id="pic">

            <img src="crop-DSC\_0573-removebg.jpg" alt="">

            <div id="intro">

                <h2>SYED MUHAMMAD SHOAIB</h2>

                <P>Lorem, ipsum dolor sit amet consectetur adipisicing

                    elit. Distinctio adipisci voluptatibus fuga cumque ipsam

                    sit, explicabo nobis est doloribus praesentium reprehenderit

                    voluptas, corporis similique aliquam obcaecati saepe fugit

                    aliquid dolores. Lorem ipsum dolor sit amet consectetur adipisicing

                    elit. Voluptatem veniam id natus distinctio architecto explicabo

                    labore rerum enim illo corporis aspernatur, dolore obcaecati nulla

                    blanditiis repellendus, atque illum magnam ex!. Lorem ipsum, dolor

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                    Sed, optio quis! Fugit ipsam velit ea dolorem. Natus at quod officia

                    cupiditate voluptas quo reprehenderit, temporibus odio?. Lorem ipsum,

                    dolor sit amet consectetur adipisicing elit. Animi, dolorum. Harum omnis

                    totam, consequatur sequi tenetur veniam doloremque aspernatur incidunt

                    dignissimos doloribus blanditiis perferendis laborum eaque praesentium

                    minus, tempora est.</P>

            </div>

        </div>

    </section>

    <section id="portfolio">

        <h1 class="headings">PORTFOLIO</h1>

        <div class="gallery">

            <img src="Emb-Administration.jpg" alt="">

            <img src="Step-by-Step.jpg" alt="">

            <img src="Vang-Quality.jpg" alt="">

            <img src="Counsel-Maassluis.jpg" alt="">

            <img src="Jayley-Cosmetics.jpg" alt="">

            <img src="tran-mau-tri-tam-h7v\_38e3iGE-unsplash.jpg" alt="">

        </div>

    </section>

    <Section id="contact">

        <h1 class="headings">CONTACT ME</h1>

        <form action="" class="form">

            <input type="text" name="name" class="input" placeholder="Enter Your Name" >

            <input type="email" name="email" class="input"

            placeholder="Enter Your Email">

            <textarea name="msg" id="msg" cols="30" rows="10"

                placeholder="Enter Your Message"></textarea>

            <input type="submit" value="SEND" id="send" >

        </form>

    </Section>

</body>

</html>

**CSS Script**

\*{

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

html{

    scroll-behavior: smooth; /\* Allows a smooth animated "scroll effect" between elements within the scrolling box. \*/

}

/\* navbar css\*/

.navbar{

    display: flex;

    justify-content: center;

    align-items: center;

    background-color: rgba(0, 0, 0, 0.5);

    position: sticky; /\* An element with position: sticky; is positioned based on the user's scroll position. \*/

    top: 0;

}

.navbar ul{

    display: flex;

    list-style: none;

    margin: 20px 0px;

}

/\* em (is me font ya content relativly change hoga hai baqi content ke size ke hisab se

   rem (is me wo content fix hojata hai aur koi farq nai parta usey content ka size change hone se)\*/

.navbar ul li{

    font-family: century;

    font-size: 1.1rem;

    font-weight: bold;

}

.navbar ul li a{

    text-decoration: none; /\* In this it removes all the docration from text like underline, color \*/

    color: white;

    padding: 9px 25px;

    transition: all .5s ease; /\* specifies a transition effect with the same speed from start to end \*/

}

.navbar ul li a:hover{

    background-color: white;

    color: black;

    box-shadow: 0 0 10px white;

}

/\* Home Section \*/

#home{

    display: flex;

    flex-direction: column;

    background-color: rgba(0, 0, 0, 0.5);

    height: 840px;

    justify-content: center;

    align-items: center;

    color: white;

}

/\* before (content se pehle exist karta hai isme image ke above se styling horahi hai aur ye content ke baghair use nai hosakta

idhar humne strings li hain kiyunke hamare pass image hai \*/

#home::before{

    content: "";

    position: absolute;

    top: 0;

    right: 0;

    background: url('akshar-dave-BcvPlibJyo0-unsplash.jpg') no-repeat center center/cover;

    height: 900px;

    width: 100%;

    z-index: -1; /\*It is relative/depends on position (it is z axis) (sets the z-order of a positioned element and its descendants

                                    or flex items. Overlapping elements with a larger z-index cover those with a smaller one.) \*/

    opacity: .8;

}

.main{

    display: flex;

    flex-direction: column; /\* The flexible items are displayed vertically, as a column \*/

    align-items: center;

    position: absolute; /\* The element is positioned relative to its first positioned (not static) ancestor element \*/

    top: 30%;

}

.headings{

    font-family: century;

    font-size: 1.8rem;

    text-align: center;

    margin: 30px  0px;

}

.btn{

    padding: 10px 35px;

    background-color: transparent;

    border: 1px solid white;

    color: white;

    outline: none;

    transition: 0.6s ease;

}

.btn:hover{

    cursor: pointer;

    background-color: white;

    color: black;

    box-shadow: 0 0 5px white, 0 0 10px white,0 0 15px white; /\* Defining multiple shadows \*/

    font-weight: bold;

}

/\* About Section \*/

#about{

    display: flex;

    flex-direction: column;

    box-sizing: border-box; /\* The width and height properties & min/max properties includes content, padding and border \*/

    padding: 20px;

    margin-bottom: 50px;

}

#pic{

    display: flex;

}

#pic img{

    width: 575px;

    height: 400px;

}

#intro{

    display: flex;

    flex-direction: column;

    text-align: justify;

    padding: 10px;

}

#intro h2{

    font-size: 25px;

    margin-bottom: 20px;

}

/\* Portfolio Section\*/

#portfolio{

    display: flex;

    flex-direction: column;

    background-color: rgba(0, 0, 0, 0.9);

    color: white;

    align-items: center;

    padding: 20px;

}

.gallery{

    display: flex;

    flex-wrap: wrap;

    justify-content: space-around;

    box-sizing: border-box;

}

.gallery img{

    width: 360px;

    height: 240px;

    margin: 10px;

}

.gallery img:hover{

    transform: scale(1.5);

}

/\* Contact Section\*/

#contact{

    display: flex;

    flex-direction: column;

    box-sizing: border-box;

    background-color: rgba(0, 0, 0, 0.9);

    color: white;

    padding: 20px;

}

.form{

    display: flex;

    flex-direction: column;

    box-sizing: border-box;

    align-items: center;

    margin: 20px 0px;

}

.input{

    padding: 12px;

    margin: 15px;

    width: 30%;

    border: none;

    outline: none;

}

#msg{

    width: 20%;

    padding: 10px;

    margin: 15px;

    border: none;

    outline: none;

}

#send{

    padding: 10px; /\* px is an absolute unit and doesnot change based on other element \*/

    width: 10%; /\* It is often used to define a size as relative to an element's parent object. % units are often useful to set the width of margins \*/

    margin: 40px;

    border: none;

    outline: none;

}

#send:hover{

    cursor: pointer;

    box-shadow: 0 0 10px white;

}

/\* Navbar \*/

.navbar{

    flex-wrap: wrap;

    justify-content: center;

}

/\* Headings \*/

.headings{

    font-size: 2.5rem;

}

/\* About Section\*/

#pic{

    flex-direction: column;

    align-items: center;

}

#pic img{

    width: 400px;

    height: 300px;

}

#intro h2{

    text-align: center;

    padding: 10px;

}

/\* Contact \*/

.input{

    width: 60%;

}

#msg{

    width: 55%;

}

#send{

    width: 20%;

}

\*{

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

/\* Home \*/

#home{

    height: 820px;

}

.headings{

    font-size: 1.7rem;

}

/\* About \*/

#pic img{

    width: 200px;

    height: 175px;

}

#intro h2{

    font-size: 1.5rem;

}

/\* Portfolio \*/

.gallery img{

    width: 250px;

    height: 150px;

    margin: 10px;

}

/\* Contact \*/

.input{

    width: 80%;

}

#msg{

    width: 70%;

}

#send{

    width: 20%;

}

**Screenshot**







