National University of Sciences & Technology

School of Electrical Engineering and Computer Science

Department of Computing

CS 344: Web Engineering (3+1): BESE-11AB Fall 2022

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| Assignment 2: Web-based Freelancing Project Trends + Exploration of Bootstrap Frameworks | |
| CLO2: Use design and development techniques for developing user-centric and/or data-driven Web applications | |
| Maximum Marks: 10 | Instructor: Dr. Qaiser Riaz |
| Announcement Date: 17th October, 2022 | Due Date: **31st** October 2022 |

**Description:**In this assignment, students will be able to get knowledge of various freelancing websites and projects as well as they will identify and acquire the most relevant web projects related to their capabilities. Moreover, students will explore the latest Bootstrap framework while designing a web application. (Bootstrap is a famous framework for HTML, CSS, and JavaScript which is widely used to design responsive websites).

**The assignment is two-folded:**

1. **Explorations of freelancing websites**
2. **Design a web page using the Bootstrap framework.**

**Task B:**

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| **Screen Shot:**    **Code:**  <!DOCTYPE html>  <html lang="en">    <head>      <meta charset="utf-8" />      <meta name="viewport" content="width=device-width, initial-scale=1" />      <meta name="description" content="" />      <meta        name="author"        content="Mark Otto, Jacob Thornton, and Bootstrap contributors"      />      <meta name="generator" content="Hugo 0.104.2" />      <title>Journalwide</title>      <link        rel="canonical"        href="https://getbootstrap.com/docs/5.2/examples/carousel/"      />      <link href="bootstrap.min.css" rel="stylesheet" />      <style>        .bd-placeholder-img {          font-size: 1.125rem;          text-anchor: middle;          -webkit-user-select: none;          -moz-user-select: none;          user-select: none;        }        @media (min-width: 768px) {          .bd-placeholder-img-lg {            font-size: 3.5rem;          }        }        .b-example-divider {          height: 3rem;          background-color: rgba(0, 0, 0, 0.1);          border: solid rgba(0, 0, 0, 0.15);          border-width: 1px 0;          box-shadow: inset 0 0.5em 1.5em rgba(0, 0, 0, 0.1),            inset 0 0.125em 0.5em rgba(0, 0, 0, 0.15);        }        .b-example-vr {          flex-shrink: 0;          width: 1.5rem;          height: 100vh;        }        .bi {          vertical-align: -0.125em;          fill: currentColor;        }        .nav-scroller {          position: relative;          z-index: 2;          height: 2.75rem;          overflow-y: hidden;        }        .nav-scroller .nav {          display: flex;          flex-wrap: nowrap;          padding-bottom: 1rem;          margin-top: -1px;          overflow-x: auto;          text-align: center;          white-space: nowrap;          -webkit-overflow-scrolling: touch;        }        body {          background-color: rgb(25, 23, 23);        }        .btp {          text-decoration: none;          color: white;        }      </style>      <!-- Custom styles for this template -->      <link href="carousel.css" rel="stylesheet" />    </head>    <body>      <header>        <nav class="navbar navbar-expand-md navbar-dark fixed-top bg-dark">          <div class="container-fluid">            <a class="navbar-brand" href="#"><img src="imgs/logo.png" /></a>            <div class="collapse navbar-collapse text-dark" id="navbarCollapse">              <ul class="navbar-nav me-auto mb-2 mb-md-0">                <li class="nav-item">                  <a                    class="nav-link active text-light"                    aria-current="page"                    href="#"                    >Home</a                  >                </li>                <li class="nav-item">                  <a class="nav-link active text-light" href="#">All Stories</a>                </li>                <li class="nav-item">                  <a class="nav-link active text-light" href="#">World NEWS</a>                </li>                <li class="nav-item">                  <a class="nav-link active text-light" href="#">About ME</a>                </li>                <li class="nav-item"></li>              </ul>              <ul class="navbar-nav me-auto mb-md-0">                <li class="nav-item">                  <div class="vr bg-light mt-2 align-middle"></div>                </li>                <li class="nav-item">                  <a class="nav-link active text-light" href="#"                    >Receive Monthly Blog NEWS Letter</a                  >                </li>              </ul>            </div>          </div>        </nav>      </header>      <main>        <div id="myCarousel" class="carousel slide" data-bs-ride="carousel">          <div class="carousel-indicators">            <button              type="button"              data-bs-target="#myCarousel"              data-bs-slide-to="0"              class="active"              aria-current="true"              aria-label="Slide 1"            ></button>            <button              type="button"              data-bs-target="#myCarousel"              data-bs-slide-to="1"              aria-label="Slide 2"            ></button>            <button              type="button"              data-bs-target="#myCarousel"              data-bs-slide-to="2"              aria-label="Slide 3"            ></button>          </div>          <div class="carousel-inner">            <div class="carousel-item active">              <img src="imgs/1.jpg" width="100%" height="100%" />              <div class="container">                <div class="carousel-caption text-start">                  <h1>NASA is Hitting Asteroids to Protect Our Planet</h1>                  <p>October 17, 2022</p>                  <p><a class="btn btn-lg btn-light" href="#">Read More</a></p>                </div>              </div>            </div>            <div class="carousel-item">              <img src="imgs/2.jpg" width="100%" height="100%" />              <div class="container">                <div class="carousel-caption text-start">                  <h1>North Korea on the Move</h1>                  <p>October 6, 2022</p>                  <p>                    <a class="btn btn-lg btn-light" href="#">Read More</a>                  </p>                </div>              </div>            </div>            <div class="carousel-item">              <img src="imgs/3.jpg" width="100%" height="100%" />              <div class="container">                <div class="carousel-caption text-start">                  <h1>The West could Annihilate Russia’s Troops</h1>                  <p>October 13, 2022</p>                  <p>                    <a class="btn btn-lg btn-light" href="#">Read More</a>                  </p>                </div>              </div>            </div>          </div>          <button            class="carousel-control-prev"            type="button"            data-bs-target="#myCarousel"            data-bs-slide="prev"          >            <span class="carousel-control-prev-icon" aria-hidden="true"></span>            <span class="visually-hidden">Previous</span>          </button>          <button            class="carousel-control-next"            type="button"            data-bs-target="#myCarousel"            data-bs-slide="next"          >            <span class="carousel-control-next-icon" aria-hidden="true"></span>            <span class="visually-hidden">Next</span>          </button>        </div>        <!-- Marketing messaging and featurettes    ================================================== -->        <!-- Wrap the rest of the page in another container to center all the content. -->        <div class="container marketing">          <!-- Three columns of text below the carousel -->          <div class="row">            <div class="col-lg-4">              <img src="imgs/content1.jpg" width="90%" /><br /><br />              <p>Netflix is Growing-Up</p>              <br />              <p><a class="btn btn-secondary" href="#">READ NOW</a></p>            </div>            <!-- /.col-lg-4 -->            <div class="col-lg-4">              <img src="imgs/content2.jpeg" width="90%" /><br /><br />              <p>It’s a me, Chris Pratt!</p>              <p><a class="btn btn-secondary" href="#">READ NOW</a></p>            </div>            <!-- /.col-lg-4 -->            <div class="col-lg-4">              <img src="imgs/content3.png" width="90%" /><br /><br />              <p>A Booming Birthday Gift for Putin</p>              <p><a class="btn btn-secondary" href="#">READ NOW</a></p>            </div>            <!-- /.col-lg-4 -->          </div>          <!-- /.row -->          <!-- START THE FEATURETTES -->          <hr class="featurette-divider" />          <div class="row featurette">            <div class="col-md-7">              <p class="lead fw-medium">October 27, 2022</p>              <h2 class="featurette-heading fw-bold lh-1 text-light">                Will The Netherlands still Exist in 100 Years?              </h2>              <p class="lead text-light">                The Netherlands is the world’s second-largest producer of                greenhouse gases. The country also has an unfortunate propensity                for natural flooding and is therefore highly susceptible to rising                sea levels and other consequences of climate change.              </p>              <button type="button" class="btn btn-outline-light p-2">                Read More              </button>            </div>            <div class="col-md-5">              <img src="imgs/content4.png" width="100%" />            </div>          </div>          <hr class="featurette-divider" />          <div class="row featurette">            <div class="col-md-7">              <h2 class="featurette-heading fw-bold lh-1 text-light">                Hey there, I'm Carlo!              </h2>              <br />              <p class="lead text-light">                I love writing about what’s happening across the globe and giving                my take on<br />it. I often talk with others about what’s                happening, which turns into long<br />talks… exciting talks.<br />                <br />I’ve always wanted to write blog articles, but I never                really went for it until<br />now. I mainly write my opinions                about global news, but I also like to write<br />about Tech! My                writing style is primarily conversational, making it easy to<br />follow.              </p>              <br />              <p>                <button type="button" class="btn btn-outline-light p-2">                  About Me                </button>              </p>            </div>            <div class="col-md-5">              <img src="imgs/aboutme.jpg" width="90%" height="90%" />            </div>          </div>          <hr class="featurette-divider" />          <!-- /END THE FEATURETTES -->        </div>        <!-- FOOTER -->        <footer class="container">          <p class="float-end"><a href="#" class="btp">Back to top</a></p>          <p>&copy; 2022 Journalwide. All rights reserved</p>        </footer>      </main>      <script src="bootstrap.bundle.min.js"></script>    </body>  </html> |