# Assignment 4 - Bootstrap

# Report

**Student:** Yessen Zhumagali  
**Group:** SE-2419

Github link: <https://github.com/Yessenchik/bootstrap_project>

# 1.Media Queries (10%)

<header class="container mt-4" id="home">  
 <h1>Welcome to My Portfolio</h1>  
</header>  
  
<section class="container my-4">  
 <p>  
 Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text  
 </p>  
 <p>  
 Lorem ipsum dolor sit amet, consectetur adipisicing elit. Repellat, a.  
 </p>  
</section>

# 2. Responsive Layout (10%)

<section class="container my-4">  
 <h2>Boxes</h2>  
 <div class="responsive-boxes">  
 <div class="box">Box 1</div>  
 <div class="box">Box 2</div>  
 <div class="box">Box 3</div>  
 </div>  
</section>

# 3. Bootstrap Grid (10%)

# 

<section class="container my-4">  
 <h2>Columns</h2>  
 <div class="row g-3">  
 <div class="col-md-6 col-lg-4">  
 <div class="p-3 bg-primary text-white rounded-3">Column 1</div>  
 </div>  
 <div class="col-md-6 col-lg-4">  
 <div class="p-3 bg-success text-white rounded-3">Column 2</div>  
 </div>  
 <div class="col-md-12 col-lg-4">  
 <div class="p-3 bg-warning text-dark rounded-3">Column 3</div>  
 </div>  
 </div>  
</section>

# 4. Bootstrap Navbar (10%)

# 

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">  
 <div class="container-fluid">  
 <a class="navbar-brand" href="#">MyPortfolio</a>  
 <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav">  
 <span class="navbar-toggler-icon"></span>  
 </button>  
 <div class="collapse navbar-collapse justify-content-end" id="navbarNav">  
 <ul class="navbar-nav">  
 <li class="nav-item"><a class="nav-link active" href="#home">Home</a></li>  
 <li class="nav-item"><a class="nav-link" href="#projects">Projects</a></li>  
 <li class="nav-item"><a class="nav-link" href="#contact">Contact</a></li>  
 </ul>  
 </div>  
 </div>  
</nav>

# 5. Responsive Portfolio Page (10%)

# 

<main class="container my-5" id="projects">  
 <div class="row">  
 <div class="col-lg-8">  
 <h2>My Projects (Vue.js + Quasar)</h2>  
 <div class="row g-4">  
 <div class="col-md-6">  
 <div class="card shadow-sm h-100">  
 <a href="http://localhost:9001/#/crypto" class="stretched-link" role="button" data-bs-toggle="modal" data-bs-target="#imageModal" data-img="images/crypto.png" data-title="Crypto Dashboard" data-url="http://localhost:9001/#/crypto">  
 <img src="images/crypto.png" class="card-img-top" alt="Crypto Dashboard" />  
 </a>  
 <div class="card-body">  
 <h5 class="card-title">Project 1</h5>  
 <p class="card-text">API from coingecko.com shows Crypto Dashboard</p>  
 </div>  
 </div>  
 </div>  
 <div class="col-md-6">  
 <div class="card shadow-sm h-100">  
 <a href="http://localhost:9001/#/snake" class="stretched-link" role="button" data-bs-toggle="modal" data-bs-target="#imageModal" data-img="images/snake.png" data-title="Snake Game" data-url="http://localhost:9001/#/snake">  
 <img src="images/snake.png" class="card-img-top" alt="Snake Game" />  
 </a>  
 <div class="card-body">  
 <h5 class="card-title">Project 2</h5>  
 <p class="card-text">There is shown the legendary Snake Game</p>  
 </div>  
 </div>  
 </div>  
 <div class="col-md-6">  
 <div class="card shadow-sm h-100">  
 <a href="http://localhost:9001/#/calendar" class="stretched-link" role="button" data-bs-toggle="modal" data-bs-target="#imageModal" data-img="images/calendar.png" data-title="Calendar App" data-url="http://localhost:9001/#/calendar">  
 <img src="images/calendar.png" class="card-img-top" alt="Calendar App" />  
 </a>  
 <div class="card-body">  
 <h5 class="card-title">Project 3</h5>  
 <p class="card-text">Well-designed Calendar</p>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
  
 <aside class="col-lg-4" id="contact">  
 <h2>About Me</h2>  
 <ul class="list-group mb-4">  
 <li class="list-group-item">Student: Yessen Zhumagali</li>  
 <li class="list-group-item">Group: SE-2419</li>  
 <li class="list-group-item">Email: esen@gmail.com</li>  
 <li class="list-group-item">Phone: +7 777 777 7777</li>  
 </ul>  
  
 <h3>Contact</h3>  
 <form>  
 <div class="mb-3">  
 <label for="name" class="form-label">Name</label>  
 <input type="text" id="name" class="form-control" placeholder="Your name" />  
 </div>  
 <div class="mb-3">  
 <label for="message" class="form-label">Message</label>  
 <textarea id="message" rows="3" class="form-control" placeholder="Your message"></textarea>  
 </div>  
 <button type="button" class="btn btn-dark">Send</button>  
 </form>  
 </aside>  
 </div>  
</main>  
  
<footer class="bg-dark text-white text-center py-3">  
 <small>© 2025 Yessenchiik</small>  
</footer>  
  
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>  
<!-- Image Modal -->  
<div class="modal fade" id="imageModal" tabindex="-1" aria-hidden="true">  
 <div class="modal-dialog modal-dialog-centered modal-xl">  
 <div class="modal-content">  
 <div class="modal-header">  
 <h5 class="modal-title" id="imageModalLabel"></h5>  
 <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>  
 </div>  
 <div class="modal-body p-0" id="modalBody"></div>  
 </div>  
 </div>  
</div>  
<script>  
 *document*.querySelectorAll('[data-bs-target="#imageModal"]').forEach(function (trigger) {  
 trigger.addEventListener('click', function () {  
 const src = this.getAttribute('data-img');  
 const title = this.getAttribute('data-title') || '';  
 const url = this.getAttribute('data-url');  
 const modalBody = *document*.getElementById('modalBody');  
 *document*.getElementById('imageModalLabel').textContent = title;  
 if (url) {  
 // Build iframe and fallback UI  
 const openLink = `<a href="${url}" target="\_blank" rel="noopener">Open in new tab ↗</a>`;  
 modalBody.innerHTML = `  
 <div class="ratio ratio-16x9">  
 <iframe src="${url}" class="embed-frame" style="border:0;" referrerpolicy="no-referrer"></iframe>  
 </div>  
 <div class="embed-hint text-muted small px-3 py-2">If you see a white screen, this page may block embedding (X-Frame-Options/CSP). ${openLink}</div>  
 `;  
 // Try to detect successful load to hide the hint  
 const iframe = modalBody.querySelector('iframe');  
 const hint = modalBody.querySelector('.embed-hint');  
 let loaded = false;  
 iframe.addEventListener('load', function () {  
 loaded = true;  
 hint.style.display = 'none';  
 });  
 // After 2.5s, if not loaded, keep hint visible  
 setTimeout(function(){ if (!loaded) { hint.style.display = 'block'; } }, 2500);  
 } else if (src) {  
 modalBody.innerHTML = '<img src="' + src + '" alt="' + title + '" class="w-100 d-block modal-full-img">';  
 }  
 });  
 });  
</script>

# 6. Design & Code Quality (10%)

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet">  
<link rel="stylesheet" href="style.css" />

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>

# 7. Summary

This project is a responsive portfolio website built with HTML, CSS, and Bootstrap 5. It includes a dark navigation bar, a welcome header, and sections with text, responsive boxes, and Bootstrap columns. The projects section displays portfolio cards for a crypto dashboard, a snake game, and a calendar app, each opening in a modal with an embedded live preview or fallback image. A sidebar provides personal information and a contact form, and the site ends with a simple footer. Custom CSS ensures responsiveness and polished styling across devices.

I need 100p for this work