# Assignment 3 Advanced CSS

# Report

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## Part 1. Flexbox

### Navigation Bar

<header class="header">  
 <div class="container nav">  
 <img src="images/it-man-logo2.png" alt="My Logo" height="52">  
 <nav>  
 <ul>  
 <li><a href="#cards">Cards</a></li>  
 <li><a href="#portfolio">Grid Layout</a></li>  
 <li><a href="#gallery">Gallery</a></li>  
 <li><a href="#portfolio">Portfolio</a></li>  
 </ul>  
 </nav>  
 </div>  
</header>

### Card Row

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<section id="cards" class="section">  
 <h2>Card Row (Flexbox)</h2>  
 <div class="cards">  
 <article class="card">  
 <div class="thumb"><img src="images/cardd.png" alt="Card image 1"></div>  
 <h3>Card Title 1</h3>  
 <p>Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text</p>  
 <a class="btn" href="#">Open</a>  
 </article>  
 <article class="card">  
 <div class="thumb"><img src="images/cardd.png " alt="Card image 2"></div>  
 <h3>Card Title 2</h3>  
 <p>Text Text Text Text Text Text Text Text Text Text Text Text Text Text Text</p>  
 <a class="btn" href="#">Open</a>  
 </article>  
 <article class="card">  
 <div class="thumb"><img src="images/cardd.png" alt="Card image 3"></div>  
 <h3>Card Title 3</h3>  
 <p>Text Text Text Text Text Text Text Text Text Text Text Text Text Text</p>  
 <a class="btn" href="#">Open</a>  
 </article>  
 </div>  
</section>

## Part 2. Grid System

### Image Gallery

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<section id="gallery" class="section">  
 <h2>Image Gallery (Grid)</h2>  
 <div class="gallery">  
 <figure>  
 <img src="images/cardd.png" alt="Gallery 1">  
 <figcaption>Caption 1</figcaption>  
 </figure>  
 <figure>  
 <img src="images/cardd.png" alt="Gallery 2">  
 <figcaption>Caption 2</figcaption>  
 </figure>  
 <figure>  
 <img src="images/cardd.png" alt="Gallery 3">  
 <figcaption>Caption 3</figcaption>  
 </figure>  
 <figure>  
 <img src="images/cardd.png" alt="Gallery 4">  
 <figcaption>Caption 4</figcaption>  
 </figure>  
 <figure>  
 <img src="images/cardd.png" alt="Gallery 5">  
 <figcaption>Caption 5</figcaption>  
 </figure>  
 <figure>  
 <img src="images/cardd.png" alt="Gallery 6">  
 <figcaption>Caption 6</figcaption>  
 </figure>  
 <figure>  
 <img src="images/cardd.png" alt="Gallery 7">  
 <figcaption>Caption 7</figcaption>  
 </figure>  
 <figure>  
 <img src="images/cardd.png" alt="Gallery 8">  
 <figcaption>Caption 8</figcaption>  
 </figure>  
 <figure>  
 <img src="images/cardd.png" alt="Gallery 9">  
 <figcaption>Caption 9</figcaption>  
 </figure>  
 </div>  
</section>

## Part 3. Combining Flexbox & Grid

### Portfolio Page

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<section id="portfolio" class="section">  
 <h2>Portfolio (Combine Flexbox & Grid)</h2>  
 <div class="portfolio">  
 <div class="projects">  
 <article class="project-card">  
 <img src="images/image1.svg" alt="Project 1 screenshot" style="border-radius:10px; margin-bottom:10px; height:160px; object-fit:cover;">  
 <h3>Project One</h3>  
 <p>Text Text Text Text Text Text Text Text Text Text Text </p>  
 <div class="meta">  
 <span>HTML</span> • <span>CSS</span>  
 </div>  
 <a class="btn" href="#">See details</a>  
 </article>  
 <article class="project-card">  
 <img src="images/image2.svg" alt="Project 2 screenshot" style="border-radius:10px; margin-bottom:10px; height:160px; object-fit:cover;">  
 <h3>Project Two</h3>  
 <p>Text Text Text Text Text Text Text Text Text Text </p>  
 <div class="meta">  
 <span>HTML</span> • <span>CCS</span> • <span>JS</span>  
 </div>  
 <a class="btn" href="#">See details</a>  
 </article>  
 <article class="project-card">  
 <img src="images/image3.svg" alt="Project 3 screenshot" style="border-radius:10px; margin-bottom:10px; height:160px; object-fit:cover;">  
 <h3>Project Three</h3>  
 <p>Text Text Text Text Text Text Text Text </p>  
 <div class="meta">  
 <span>Vue.js</span>  
 </div>  
 <a class="btn" href="#">See details</a>  
 </article>  
 <article class="project-card">  
 <img src="images/image4.svg" alt="Project 4 screenshot" style="border-radius:10px; margin-bottom:10px; height:160px; object-fit:cover;">  
 <h3>Project Four</h3>  
 <p>Text Text Text Text Text Text Text Text </p>  
 <div class="meta">  
 <span>CSS</span> • <span>Tailwind</span>  
 </div>  
 <a class="btn" href="#">See details</a>  
 </article>  
 </div>  
 <aside class="sidebar">  
 <h3>About</h3>  
 <p>blab bla bla bla bla bla bla bla bla bla blab bla bla bla bla bla bla</p>  
 <ul>  
 <li>Location: AITU</li>  
 <li>Focus: Web Development</li>  
 <li>Contact: 241415@astanait.edu.kz</li>  
 </ul>  
 </aside>  
 </div>  
 <footer class="page">  
 Footer spans across the bottom of the page.  
 </footer>  
</section>

## Summary

## I learned Advanced CSS -> Flexbox & Grid