1. **Copy code from FlexProject. In index.html:**
2. **Update classes:**

* Update the row class in the features section to features-grid. This replaces the Bootstrap grid layout with a CSS Grid layout.
* Update the testimonial section to use testimonials-grid. Wrap the testimonials container with a div element that has the class testimonials-grid. Additionally, add the class grid-item to each individual testimonial container.

1. **Remove Bootstrap reference from the head:**

Since you're no longer using Bootstrap classes for layout, you can remove the reference to the Bootstrap CSS library in the <head> section.

**Features Section (Before):**

HTML

<section class="features">

<h2>Our Features</h2>

<div class="row">

<div class="col-md-4">

<h3>Feature 1</h3>

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>

</div>

<div class="col-md-4">

<h3>Feature 2</h3>

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>

</div>

<div class="col-md-4">

<h3>Feature 3</h3>

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>

</div>

</div>

</section>

**Features Section (After):**

HTML

<section class="features">

<h2>Our Features</h2>

<div class="features-grid"> <div class="grid-item">

<h3>Feature 1</h3>

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>

</div>

<div class="grid-item">

<h3>Feature 2</h3>

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>

</div>

<div class="grid-item">

<h3>Feature 3</h3>

<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.</p>

</div>

</div>

</section>

**Testimonials Section (Before):**

HTML

<section class="testimonials">

<h2>Testimonials</h2>

<div class="testimonial">

<p>"This website is amazing!"</p>

<cite>- John Doe</cite>

</div>

<div class="testimonial">

<p>"I love the design."</p>

<cite>- Jane Smith</cite>

</div>

</section>

**Testimonials Section (After):**

HTML

<section class="testimonials">

<h2>Testimonials</h2>

<div class="testimonials-grid"> <div class="grid-item"> <div class="testimonial">

<p>"This website is amazing!"</p>

<cite>- John Doe</cite>

</div>

</div>

<div class="grid-item"> <div class="testimonial">

<p>"I love the design."</p>

<cite>- Jane Smith</cite>

</div>

</div>

</div>

</section>

**Remove the Bootstrap Reference:**

HTML

<head>

<meta charset="UTF-8">

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

<title>Advanced Responsive Website</title>

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

By following these steps, you'll convert the HTML code to use CSS Grid for layout and remove unnecessary Bootstrap references. This will achieve a similar layout as the original code but with a more modern and flexible approach using CSS Grid.

**In styles.css:**

**1. Replace Flexbox with CSS Grid for Layout**

* **Remove Flexbox for Features:**
  + Delete the .row and .col-md-4 classes and their associated styles.
  + Add the features-grid class to the .features section.
  + Add the grid-item class to each feature item within the .features section.
  + Create the .features-grid rule in your CSS:

CSS

.features-grid {

display: grid;

grid-template-columns: 1fr 2fr 1fr; /\* Adjust as needed \*/

grid-gap: 20px;

}

* **Create a Grid for Testimonials:**
  + Add the testimonials-grid class to the .testimonials section.
  + Add the grid-item class to each .testimonial element.
  + Create the .testimonials-grid rule in your CSS:

CSS

.testimonials-grid {

display: grid;

grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));

grid-gap: 20px;

}

**2. Add Grid Item Styles**

* Add the following rule to your CSS:

CSS

.grid-item {

border: 1px solid #ccc;

padding: 20px;

}

**3. Refactor Testimonials Styling**

* Replace the existing .testimonial styles with the following:

CSS

.testimonial {

background-color: #f0f0f0;

border-radius: 5px;

padding: 20px;

margin-bottom: 20px;

box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);

}

**4. Add Footer Styles**

* Add the following CSS for the footer:

CSS

footer {

background-color: #333;

color: #fff;

text-align: center;

padding: 20px;

}