Company Team Page Project Report

Introduction

This project involves creating a responsive web page for showcasing the team members of a company. The page is designed using HTML and CSS, adhering to a reference layout provided for inspiration. The web page consists of a header section, a team section displaying individual team members with their photos and roles, and a footer. The primary goal is to ensure the web page looks appealing and functions well across all device types, from desktops to mobile devices.

Objectives

1. To create a visually appealing and responsive web page using HTML and CSS.

2. To provide a professional layout that showcases the team members effectively.

3. To ensure cross-device compatibility with a responsive design.

4. To utilize best practices in HTML and CSS for maintainability and performance.

Project Details

The Company Team Page is built using standard HTML and CSS to create a modern, clean, and responsive design.

1. **HTML Structure:**

   - The page includes a header with a title and subtitle.

   - The team section contains individual profiles for each member, including a photo, name, and position.

   - A footer is included to provide copyright information.

2. **CSS Styling:**

   - A flexbox layout is used for the team member profiles, allowing the page to be responsive and adapt to different screen sizes.

   - Media queries adjust the layout for tablets and mobile devices to ensure optimal viewing experience.

   - Hover effects are implemented to enhance interactivity for each team member profile.

3. **Images:**

   - Placeholder images are used for team members in this example. Replace 'member1.jpg', 'member2.jpg', etc., with actual images of the team members.

   - The images should be of high quality and consistent in size (preferably square or circular) for a uniform look.

Implementation Details

1. HTML Code:

The HTML code consists of the following main sections:

```html
<!DOCTYPE html>
<html lang='en'>
<head>
  <meta charset='UTF-8'>
  <meta name='viewport' content='width=device-width, initial-scale=1.0'>
```

```html
<title>Company Team Page</title>

<link rel='stylesheet' href='styles.css'>

</head>

<body>

  <header class='header'>

    <h1>Our Team</h1>

    <p>Meet the talented members of our company</p>

  </header>

  <section class='team-section'>

    <div class='team-member'>

      <img src='member1.jpg' alt='Team Member 1'>

      <h3>Lord Charles</h3>

      <p>Position: CEO</p>

    </div>

    <div class='team-member'>

      <img src='member2.jpg' alt='Team Member 2'>

      <h3>Andrew Smith</h3>

      <p>Position: CTO</p>

    </div>

    <div class='team-member'>

      <img src='member3.jpg' alt='Team Member 3'>

      <h3>Johnson Parody</h3>

      <p>Position: Software Engineer</p>

    </div>
```

```
  </section>

  <footer class='footer'>

    <p>&copy; 2024 Company Name. All rights reserved.</p>

  </footer>

</body>

</html>
```

2. CSS Code:

The CSS styles are stored in 'styles.css' and provide styling for layout, colors, fonts, and responsiveness.

```css
/* Global styles and reset */

* { margin: 0; padding: 0; box-sizing: border-box; font-family: Arial, sans-serif; }

body { background-color: #f4f4f4; color: #333; }

/* Header styling */

.header { text-align: center; padding: 20px; background-color: #333; color: #fff; }

.header h1 { margin-bottom: 10px; }

/* Team section layout using flexbox */

.team-section { display: flex; flex-wrap: wrap; justify-content: center; padding: 20px; }

.team-member { background-color: #fff; border: 1px solid #ddd; border-radius: 5px; margin: 15px;

padding: 20px; width: 250px; text-align: center; transition: transform 0.3s; }
```

.team-member:hover { transform: scale(1.05); }

.team-member img { width: 100%; height: auto; border-radius: 50%; margin-bottom: 15px; }

.team-member h3 { font-size: 18px; margin-bottom: 5px; }

.footer { text-align: center; padding: 10px; background-color: #333; color: #fff; position: relative; bottom: 0; width: 100%; }

/* Responsive adjustments */

@media (max-width: 768px) { .team-member { width: 45%; } }

@media (max-width: 480px) { .team-member { width: 90%; } }

```

## Conclusion

This project demonstrates how to build a responsive web page for showcasing a company's team members using HTML and CSS. It highlights key web development techniques such as using Flexbox for layout and media queries for responsiveness. The resulting page is visually appealing, functional across multiple devices, and easy to maintain and extend.