IT & Computer Science

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Web Engineering Lab # 05

Responsive User account Creation form

HTML Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Register | NFT Marketplace</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.5.1/css/all.min.css">
    <link rel="stylesheet" href="../CSS/lab05.css">
</head>
<body>
    <header>
        <div class="logo">NFT Marketplace</div>
        <nav>
            <ul class="nav-links">
                <li><a href="#">Marketplace</a></li>
                <li><a href="#">Rankings</a></li>
                <li><a href="#">Connect a wallet</a></li>
                <li><a href="#" class="sign-up">Sign Up</a></li>
            </ul>
            <div class="hamburger">
                <i class="fas fa-bars"></i>
            </div>
        </nav>
    </header>
    <main>
        <div class="container">
            <div class="left">
                <img src="/assets/world.jpg" alt="NFT Illustration">
            </div>
            <div class="right">
                <h2>Create Account</h2>
                <p>Welcome! Enter your details and start creating, collecting, and selling
NFTs.</p>
                <form>
                    <label for="Username">Username</label>
                    <input type="text" placeholder="Username" required>

                    <label for="email">Email</label>
                    <input type="email" placeholder="Email Address" required>

                    <label for="password">Password</label>
```

```html
                    <input type="password" placeholder="Password" required>

                    <label for="CPassword">Confirm Password</label>
                    <input type="password" placeholder="Confirm Password" required>

                    <button type="submit">Create Account</button>
                </form>
            </div>
        </div>
    </main>
</body>
</html>
```

CSS:

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

body {
    background-color: #121212;
    color: white;
    display: flex;
    flex-direction: column;
    align-items: center;
}

header {
    display: flex;
    justify-content: space-between;
    padding: 20px;
    background: #1a1a1a;
    overflow: hidden;
    width: 100%;
}

.logo {
    font-weight: bold;
    font-size: 1.5em;
}
```

```css
nav {
    align-items: center;
    display: flex;
}

.nav-links {
    display: flex;
    gap: 20px;
    list-style: none;
}

.nav-links li a {
    color: white;
    text-decoration: none;
}

.sign-up {
    padding: 8px 15px;
    border-radius: 5px;
    background: #7b61ff;
}

.hamburger {
    font-size: 1.5em;
    cursor: pointer;
    display: none;
}

.container {
    width: 90%;
    max-width: 1200px;
    margin: 40px auto;
    background: #1a1a1a;
    border-radius: 10px;
    overflow: hidden;
    display: flex;
}

.left img {
    height: 100%;
    object-fit: cover;
    width: 500px;
}
```

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```css
.right {
    height: 90%;
    padding: 40px;
    width: 500px;
}

.right h2 {
    margin-bottom: 20px;
    text-align: center;
}

.right p {
    margin-bottom: 20px;
    text-align: center;
}

form {
    flex-direction: column;
    gap: 15px;
    display: flex;
}

input {
    padding: 10px;
    border-radius: 50px;
    border: none;
    margin-bottom: 20px;
}

button {
    padding: 10px;
    background: #7b61ff;
    color: white;
    border: none;
    border-radius: 50px;
    cursor: pointer;
    margin-bottom: 10px;
}

@media (max-width: 1024px) {
    .container {
        flex-direction: column;
    }
```
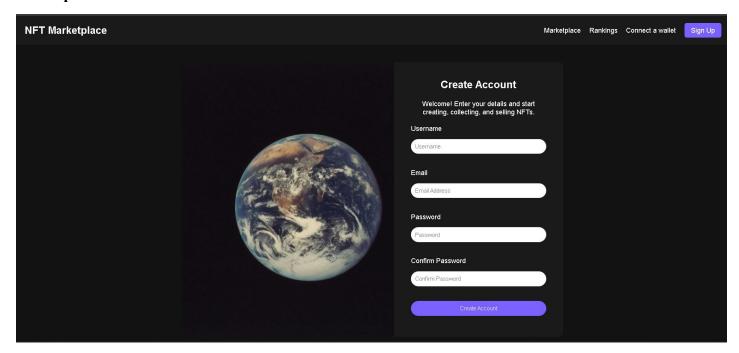
```css
    .left img {
        width: 100%;
        height: 300px;
    }

    .right {
        width: 90%;
        padding: 20px;
    }

    .right h2, .right p {
        text-align: center;
    }

    .nav-links {
        display: none;
    }

    .hamburger {
        display: block;
        cursor: pointer;
    }
}

@media (max-width: 768px) {
    header {
        flex-direction: row;
        align-items: center;
        padding: 15px;
    }

    .container {
        width: 95%;
        margin: 20px auto;
    }

    .left img {
        height: 200px;
        width: 100%;
    }

    .right {
        padding: 15px;
```

```css
    }

    input, button {
        width: 100%;
    }
}

@media (max-width: 480px) {
    .right {
        width: 100%;
        padding: 10px;
    }

    input, button {
        width: 100%;
        padding: 8px;
    }

    .logo {
        font-size: 1.2em;
    }

    .sign-up {
        padding: 6px 12px;
    }

    .hamburger {
        font-size: 1.2em;
    }
}
```
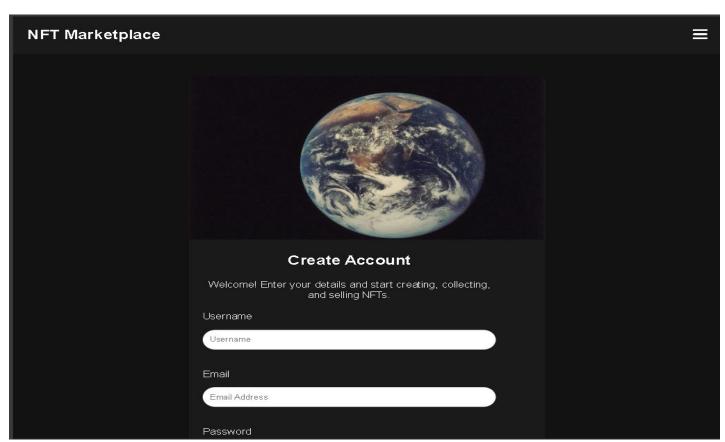
Explanation:

- In this lab we work on CSS responsive design to run project multiple devices such as Desktop, Tablet and Mobile phones.
- We practice on media query to make develop a responsive design
- Have a navigation bar and create account for new user.
- In last there is a link for proposed project design in Figma (Landin Page)
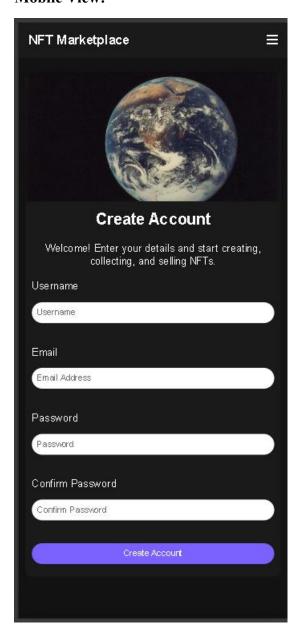
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Desktop View:

Tablet View:

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Mobile View:

Below is the link for Proposed project Figma Design:

https://www.figma.com/design/XyVATtifYbP3CMBopvOI8P/Web-Engineering-Assignment-02?node-id=0-1&t=2qnvxhX4AX0ErPJl-1

Github:

https://github.com/abuzarkhanse/Web-Engineering-6th-Semester

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