***PROJECT REPORT***

**Project Report: Warrior Club - Martial Arts for Youth**

**NAME: ADITYA KUMAR**

**UID: 24BCA10139**

**1. Reason for Choosing This Project**

The inspiration behind choosing the "Warrior Club - Martial Arts for Youth" project stems from a desire to build a digital platform that promotes fitness, discipline, and self-defense among the youth. Martial arts have long been recognized as a means to develop physical strength, mental resilience, and self-confidence. The idea was to design a website that not only showcases various martial arts disciplines but also connects potential learners with expert trainers. This project allowed for the application of fundamental front-end web development skills using HTML and CSS, while also delivering a real-world solution to a niche yet impactful domain.

**2. Introduction of the Project**

"Warrior Club" is a fictional martial arts training club website built using HTML and CSS. The website is designed for a target audience aged 16 to 30, providing a virtual introduction to the club's offerings including Taekwondo, MMA, Boxing, and Judo. The site consists of structured sections such as a homepage, about section, classes offered, trainer profiles, and a contact/footer area. The visual design emphasizes strength and discipline using a dark theme with vibrant red highlights. The overall objective was to simulate a real business website that is clean, responsive, and user-friendly.

**3. index.html Code**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

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

<title>Warrior Club - Martial Arts for Youth</title>

<link rel="stylesheet" href="styles.css" />

</head>

<body>

<header>

<div class="container">

<h1>WARRIOR CLUB</h1>

<nav>

<ul>

<li><a href="#">Home</a></li>

<li><a href="#">About</a></li>

<li><a href="#">Classes</a></li>

<li><a href="#">Trainers</a></li>

<li><a href="#">Contact</a></li>

</ul>

</nav>

</div>

</header>

<section class="hero">

<div class="container">

<h2>Martial Arts for Youth</h2>

<p>Training boys and girls aged 16 to 30</p>

</div>

</section>

<section class="about">

<div class="container">

<h2>About Us</h2>

<p>Warrior Club is dedicated to teaching martial arts to young men and women. Our programs are designed to build strength, discipline, and confidence in individuals aged 16 to 30. Our experienced instructors provide training in various martial arts to help you become the best version of yourself.</p>

</div>

</section>

<section class="classes">

<div class="container">

<h2>Classes We Offer</h2>

<div class="class-grid">

<div class="class-card">

<img src="https://th.bing.com/th/id/OIP.eBWnXViiRCDGDbFpykl6XAHaE8?w=2560&h=1707&rs=1&pid=ImgDetMain" alt="Taekwondo">

<h3>Taekwondo</h3>

</div>

<div class="class-card">

<img src="https://i.pinimg.com/736x/e7/f7/39/e7f739b720beef07ab9b45e17435d92a.jpg" alt="MMA">

<h3>MMA</h3>

</div>

<div class="class-card">

<img src="https://th.bing.com/th/id/OIP.XWdVOp3pI7nBketT4wlzaQHaE8?rs=1&pid=ImgDetMain" alt="Boxing">

<h3>Boxing</h3>

</div>

<div class="class-card">

<img src="https://www.timeforkids.com/wp-content/uploads/2023/01/K1\_230127\_judo.jpg?w=1024" alt="Judo">

<h3>Judo</h3>

</div>

</div>

</div>

</section>

<section class="trainers">

<div class="container">

<h2>Our Trainers</h2>

<div class="trainer-grid">

<div class="trainer-card">

<img src="https://thumbs.dreamstime.com/z/young-athletic-girl-fighter-trains-gym-young-athletic-girl-fighter-trains-gym-sports-health-137000568.jpg" alt="Trainer Aisha">

<h3>Sensei Aisha</h3>

<p>Expert in Taekwondo & Judo. Black belt with 10+ years experience.</p>

</div>

<div class="trainer-card">

<img src="https://as1.ftcdn.net/v2/jpg/00/11/85/32/1000\_F\_11853231\_gl1u4rhGtlpS8HX7YMzLriWZFkjDhnxD.jpg" alt="Trainer Liam">

<h3>Coach Liam</h3>

<p>Specialist in MMA. 8 years of professional fight coaching.</p>

</div>

<div class="trainer-card">

<img src="https://thumbs.dreamstime.com/b/mma-fighter-posing-gray-mma-fighter-training-posing-shot-oni-gray-background-213703176.jpg" alt="Trainer Elena">

<h3>Master Elena</h3>

<p>Pro Boxer. National title holder. Inspiring young female fighters.</p>

</div>

</div>

</div>

</section>

<footer>

<div class="container">

<p>&copy; 2025 Warrior Club. All rights reserved.</p>

</div>

</footer>

</body>

</html>

**4. styles.css Code**

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

}

body {

font-family: 'Segoe UI', sans-serif;

background-color: #111;

color: #fff;

}

.container {

width: 90%;

max-width: 1100px;

margin: auto;

padding: 40px 0;

}

header {

background-color: #000;

padding: 20px 0;

border-bottom: 2px solid red;

text-align: center;

}

header h1 {

font-size: 2.8rem;

color: #fff;

margin-bottom: 10px;

}

nav ul {

list-style: none;

display: flex;

justify-content: center;

gap: 25px;

}

nav ul li a {

color: #f1f1f1;

text-decoration: none;

font-weight: bold;

}

.hero {

background: url('https://images.unsplash.com/photo-1594737625785-cf5c9d7d50a4?fit=crop&w=1350&q=80') no-repeat center center/cover;

padding: 100px 0;

text-align: center;

}

.hero h2 {

font-size: 3rem;

color: red;

}

.hero p {

font-size: 1.5rem;

color: #fff;

margin-top: 10px;

}

.about {

background-color: #222;

padding: 60px 0;

text-align: center;

}

.about h2 {

font-size: 2.2rem;

margin-bottom: 20px;

color: red;

}

.about p {

font-size: 1.1rem;

line-height: 1.6;

max-width: 800px;

margin: auto;

color: #ddd;

}

.classes h2,

.trainers h2 {

text-align: center;

font-size: 2.2rem;

color: red;

margin-bottom: 30px;

}

.class-grid,

.trainer-grid {

display: flex;

gap: 30px;

flex-wrap: wrap;

justify-content: center;

}

.class-card,

.trainer-card {

background-color: #222;

border-radius: 10px;

padding: 20px;

text-align: center;

width: 250px;

box-shadow: 0 0 10px red;

}

.class-card img,

.trainer-card img {

width: 100%;

border-radius: 10px;

margin-bottom: 15px;

}

.class-card h3,

.trainer-card h3 {

margin-bottom: 10px;

color: #fff;

}

.trainer-card p {

font-size: 0.95rem;

color: #ccc;

}

footer {

background: #000;

padding: 20px;

text-align: center;

color: #aaa;

}

**5. Output Overview**

When the project is rendered in a web browser, the user is greeted with a bold header featuring the "Warrior Club" name. Below that is a full-width hero section with a background image and bold red heading text. The About section introduces the club's mission.

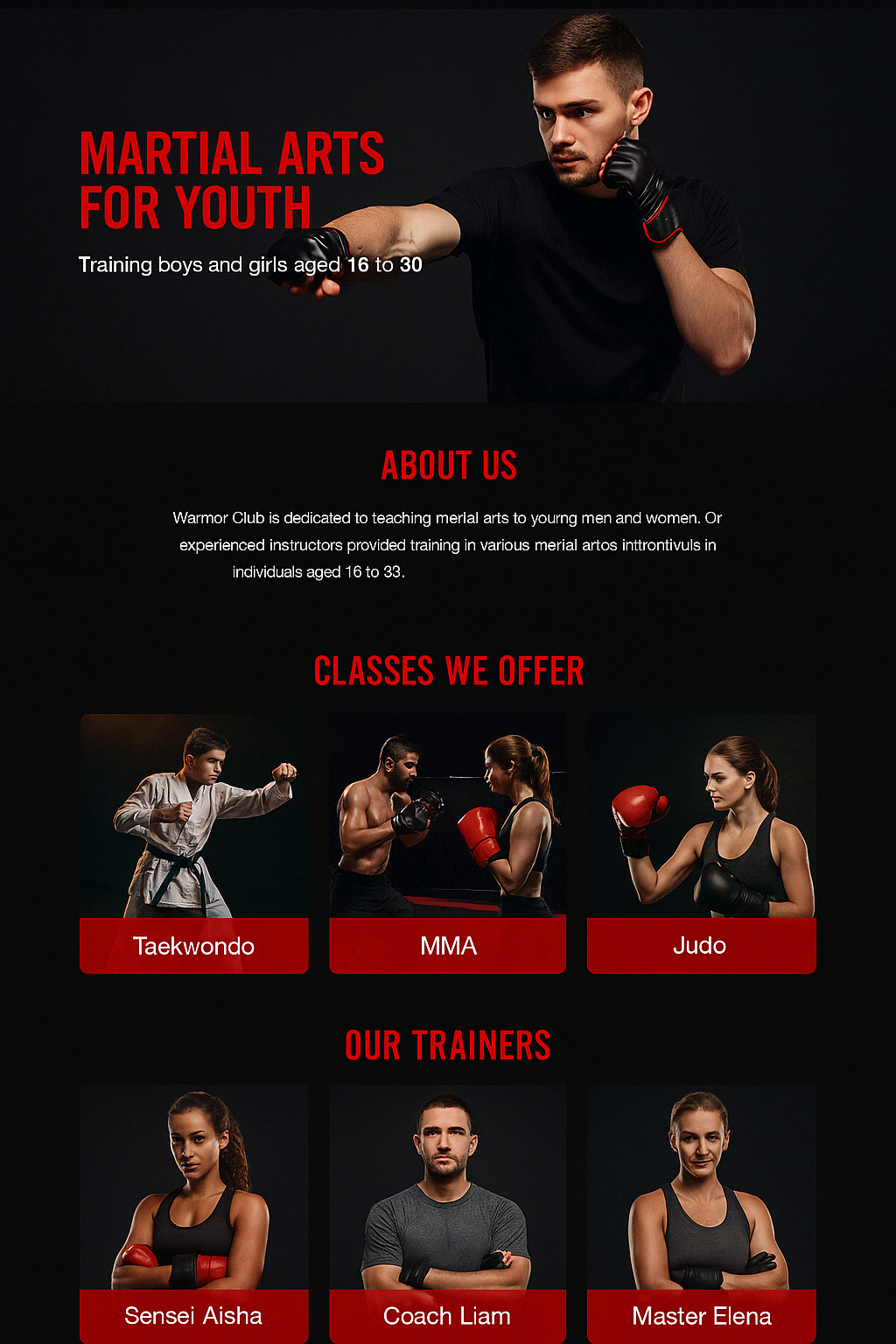
The Classes section displays four martial arts styles, each represented by a card with an image and title. The Trainers section introduces three instructors with their photos and bios. The site closes with a clean footer displaying copyright information.

The site is responsive, visually cohesive, and simple to navigate, making it ideal for young martial arts enthusiasts.

**6. Learning Outcomes**

* Strengthened understanding of HTML5 and semantic tags for web structure.
* Learned how to apply CSS3 for layout, styling, and visual enhancement.
* Gained experience using Flexbox to build responsive card-based layouts.
* Improved UI design skills including color usage, typography, and spacing.
* Learned how to work with images and create visual hierarchy using shadows and backgrounds.
* Understood the importance of accessibility and responsive design in front-end development.
* Developed the ability to organize and present content clearly and professionally for real-world use.

**OUTPUT IMAGE:**

****