Front End Engineering-II

Project Report

Semester-IV (Batch-2022)

Title of the Project: SPORTX



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Abstract

Welcome to our online sports hub, where passion meets performance! Our website, crafted with precision using HTML and CSS, is your go-to destination for all things sports. Whether you're a dedicated athlete, a sports enthusiast, or simply someone who enjoys staying active, we have something for you.

But it's not just about information – we're also here to enhance your sports experience. Our interactive features and tools allow you to engage with fellow sports fans, track your progress, and even participate in virtual competitions. With seamless integration of HTML and CSS, we've created an immersive platform that brings the excitement of sports to life right at your fingertips.

Whether you're accessing our site from your desktop, tablet, or mobile device, our responsive design ensures a seamless experience across all platforms. So whether you're at home, on the go, or anywhere in between, you can stay connected to the world of sports whenever and wherever inspiration strikes.



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Introduction

In today's digital age, a strong online presence is essential for businesses to effectively showcase their services and connect with their target audience. As such, the creation of a visually appealing and user-friendly website is permanent. This report documents the development and implementation of a front-end website for a Sportx, utilizing a combination of HTML and CSS.

HTML, is the standard markup language for creating web pages and web applications. It provides the structure and content of a webpage by using a set of predefined tags or elements. These elements define the various parts of a webpage such as headings, paragraphs, links, images, and more. HTML documents are essentially text files with special tags that browsers interpret to render the content visually.

CSS, on the other hand, is a style sheet language used for describing the presentation of a document written in HTML. While HTML defines the structure and content of a webpage, CSS determines how the content should be displayed. This includes aspects like layout, colors, fonts, and spacing. By separating the presentation from the structure, CSS allows for greater flexibility and consistency in styling across multiple web pages.

Together, HTML and CSS form the backbone of modern web development. HTML provides the skeleton of a webpage, defining its structure and content, while CSS enhances its appearance and visual presentation. Understanding these two languages is essential for anyone looking to create compelling and visually appealing web experiences.

I also made my website responsive using media queries. In today's digital landscape, users access the internet from a wide range of devices, including smartphones, tablets, laptops, and desktop computers. Responsive web design is an approach aimed at crafting web pages that adapt and respond seamlessly to the device and screen size on which they are viewed.

Problem Statement

In the realm of Sportx websites, establishing a compelling online presence is crucial for attracting prospective clients and showcasing its unique offerings and capabilities. However, creating a frontend website that effectively communicates the agency's brand identity, services, and portfolio while ensuring a seamless user experience poses several challenges.

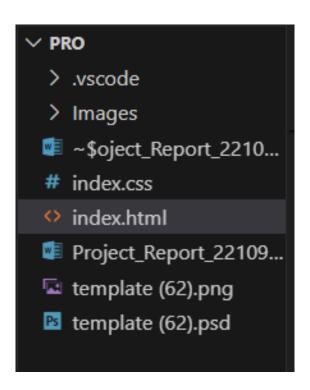
Firstly, Sportx website ensure that users are able to easily access and interact with the site's content, leading to improved satisfaction and increased customer retention. Secondly, designing a responsive website that adapts seamlessly to various devices and screen sizes presents a significant challenge. With the proliferation of mobile devices and tablets, users expect a consistent and optimized browsing experience across all platforms. Failure to deliver this can result in a loss of potential clients and credibility for the agency.

Additionally, ensuring accessibility for all users, including those with disabilities, is another pressing concern. Sports related websites must adhere to accessibility standards to ensure that their websites are usable by individuals with diverse needs, such as screen readers for visually impaired users. Creating a Sportx website requires a combination of creativity, technical skills, and attention to detail to produce a polished design that meets the needs of both users and developers.

The front-end website for Sportx website was constructed with a minimalist approach, employing only essential technologies to ensure a streamlined user experience. Here are the primary technical details of the project:

- **HTML Structure:** The website's structure was crafted using semantic HTML markup to enhance accessibility and clarity. Each page was organized with appropriate tags to facilitate straightforward navigation and readability.
- **CSS Styling:** Cascading Style Sheets (CSS) were utilized for styling the website's layout, typography, and color schemes. Custom CSS rules were applied to maintain a consistent visual design across the site while optimizing load times and code simplicity.
- Responsive Design: Responsive design principles were implemented to ensure the
 website's compatibility with various devices and screen sizes. Media queries and flexible
 layouts were employed to adapt the content and design elements responsively without
 reliance on frameworks.

- ➤ index.html: This file serves as the main entry point for the website. It contains the HTML markup defining the structure and content of the web pages. Within this file, sections such as the header, navigation bar, main content area, footer, and any additional elements are defined.
- > style.css: The CSS file contains the styling rules that dictate the visual presentation of the website. This includes defining colors, fonts, layout properties, and any other stylistic elements. Selectors within this file target specific HTML elements or classes to apply the desired styles.
- ➤ image folder: This folder contains all the images used throughout the website. Images may include logos, background images, or any other visual assets required to enhance the design and content presentation. Proper organization within this folder helps maintain the clarity and accessibility of image resources.
- ➤ **PSD file**: This PSD (Photoshop Document) file contains the original design mockup created using Adobe Photoshop. While not directly utilized in the website's development, it serves as a reference for design elements, layout, and visual styling.



CODE RESULTS:

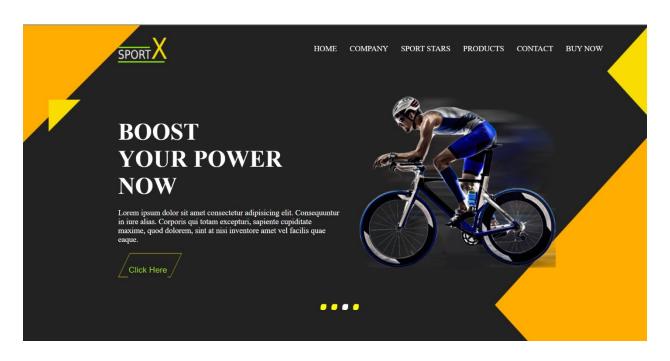


Figure 1

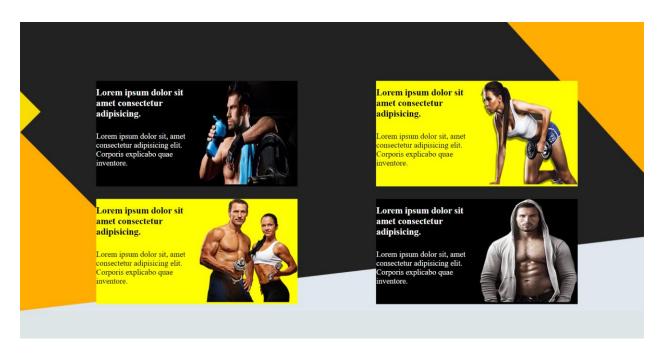


Figure 2

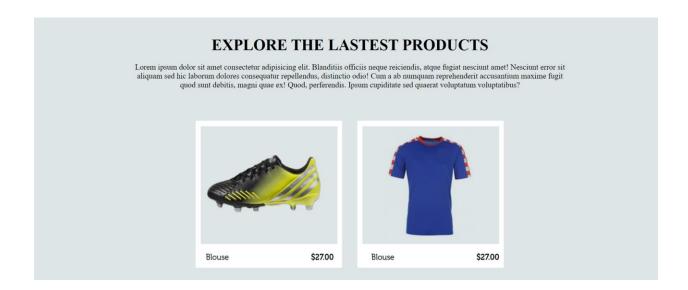


Figure 3

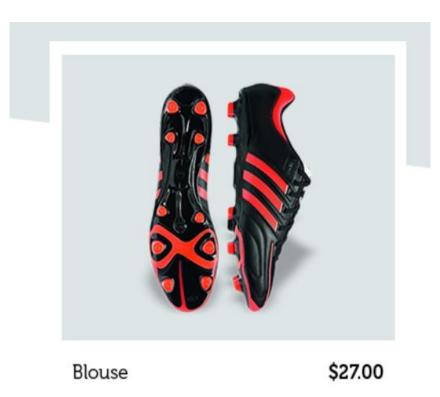


Figure 4



BRING YOUR PERFORMANCE TO HIGHER LEVEL

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Dolore dolor dicta cupiditate itaque modi repellendus aperiam excepturi ducimus alias commodi non eveniet tenetur, nihil nam ut repellat exercitationem tempora nulla. Deserunt reprehenderit inventore, fuga suscipit sapiente neque commodi quiscusam quest.

Know



Figure 5



Figure 6

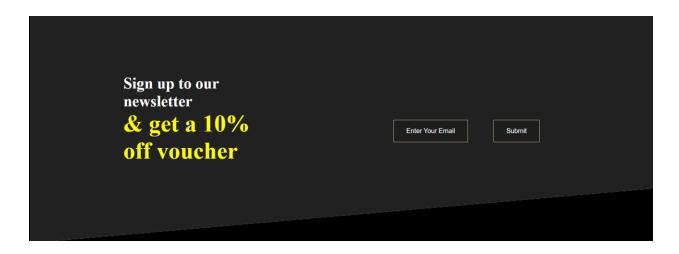


Figure 7



Figure 8

MOBILE VIEW:

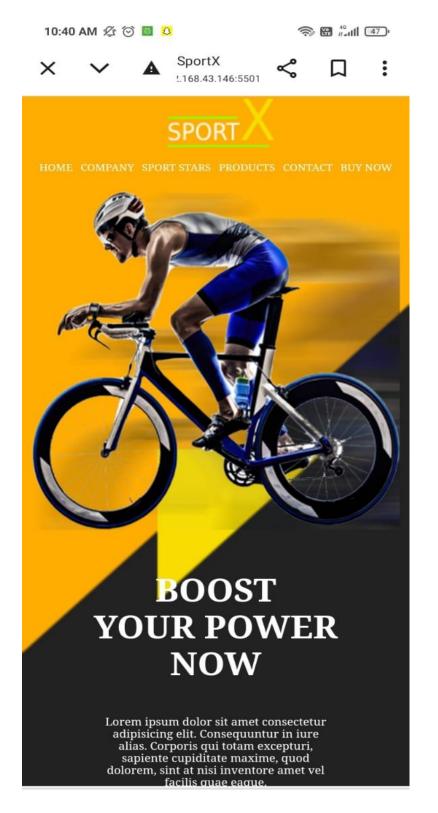


FIGURE 1



FIGURE 2



FIGURE 3





EXPLORE THE LASTEST PRODUCTS

Lorem ipsum dolor sit amet consectetur adipisicing elit.
Blanditiis officiis neque reiciendis, atque fugiat nesciunt amet! Nesciunt error sit aliquam sed hic laborum dolores consequatur repellendus, distinctio odio! Cum a ab numquam reprehenderit accusantium maxime fugit quod sunt debitis, magni quae ex!
Quod, perferendis. Ipsum cupiditate sed quaerat voluptatum voluptatibus?

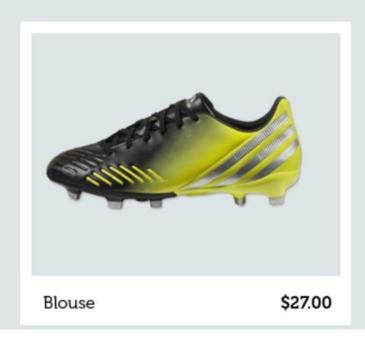


FIGURE 4

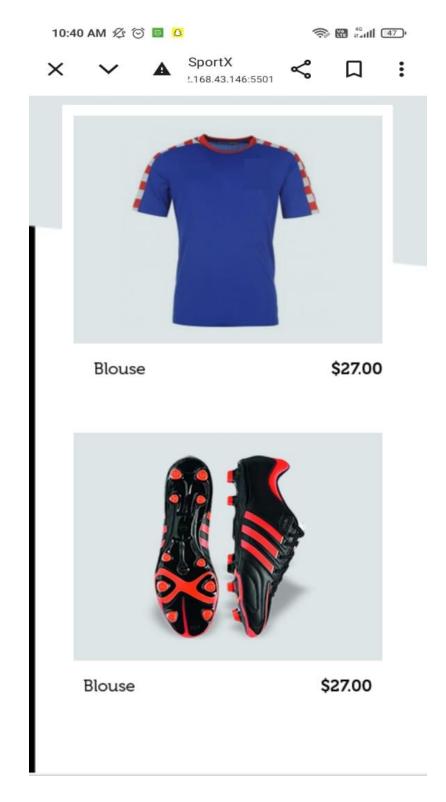


FIGURE 5

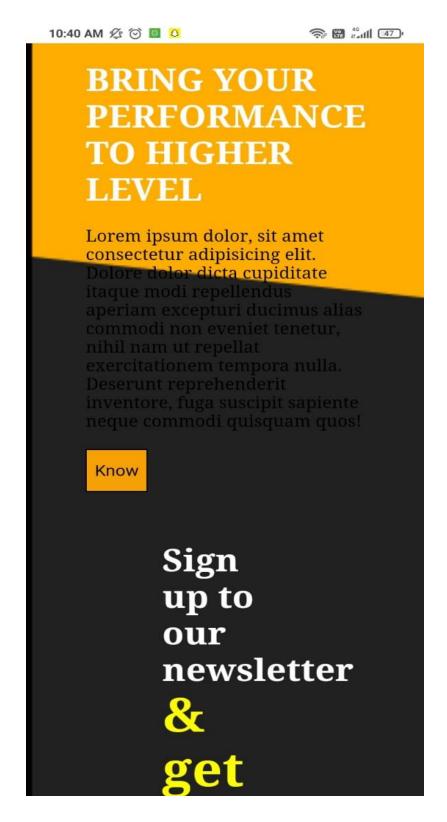


FIGURE 6

CODE Snapshots:-

HTML CODE

```
• • •
```

Figure 1[Head Tag]

```
<div class="container">
       <div class="body">
         <div class="nav">
              <div class="nav-img">
                   <img src="./Images/Logo.png" alt="loading" width="100px" height="50px">
              <div class="bar">
                  <a href="#">HOME</a>
                  <a href="#">COMPANY</a>
                  <a href="#">SPORT STARS</a>
                  <a href="#">PRODUCTS</a>
                  <a href="#">CONTACT</a>
                   <a href="#">BUY NOW</a>
```

Figure 2[navbar]

Figure 3[Boost Section]

```
<div class="blocks">
                <div class="block"></div>
                <div class="block"></div>
                <div class="white-block"></div>
                            <h3>Lorem ipsum dolor sit amet consectetur adipisicing.</h3>
                            Lorem ipsum dolor sit, amet consectetur adipisicing elit. Corporis explicabo quae inventore.
                        <img src="./Images/fitness-class.png" width="200vw" height="210vh" alt="">
                            <h3>Lorem ipsum dolor sit amet consectetur adipisicing.</h3>
                            Lorem ipsum dolor sit, amet consectetur adipisicing elit. Corporis explicabo quae inventore.
                        <img src="./Images/banner-girl.png " width="200vw" height="210vh" alt="">
            <div class="info">
                <div class="cardo" style="background-color: yellow; color: black;">
                             <h3>Lorem ipsum dolor sit amet consectetur adipisicing.</h3>
                            <\!\!p\!\!>\!\!Lorem\ ipsum\ dolor\ sit,\ amet\ consectetur\ adipisicing\ elit.\ Corporis\ explicabo\ quae\ inventore.<\!/p>
                        <img src="./Images/fitness-man.png" width="200vw" height="210vh" alt="">
                   <div class="leftcardo">
                            <h3>Lorem ipsum dolor sit amet consectetur adipisicing.</h3>
                            	ext{<}p	ext{>}Lorem ipsum dolor sit, amet consectetur adipisicing elit. Corporis explicabo quae inventore.	ext{<}/p	ext{>}
                    <div class="rightcardo">
                        <img src="./Images/tk-team-member-01.png " width="200vw" height="210vh" alt="">
```

Figure 4[information section]

```
1 do the control of t
```

Figure 5 [Content section]

```
** Our Class'springers last's content particles and an experience state of the content particles and an experience an
```

Figure 6[Performance Section]

Figure 7[Sign-Up Section]

```
| Signature | Sign
```

Figure 8[Footer&Copyright]

CSS CODE:-

```
1 *{
       margin: 0px;
       padding: 0px;
4 }
6 body{
       overflow-x: hidden;
8 }
10 .container{
11
       width: 100vw;
12
       height:100vh;
13
       background-image:url(./Images/Layer\ 0.png);
       background-image: cover;
15
       background-repeat: no-repeat;
       /* object-fit: cover; */
17 }
18 .body{
       background-image: url(./Images/Top\ background.png);
       background-size: cover;
       color: white;
21
       background-color:rgb(224, 232, 239);
       /* rgb(220, 224, 227) */
23
25 .body1{
       background-image: url(./Images/bg\ 2.png);
       background-size: cover;
       background-color: black;
```

Figure 1

```
.nav{
         display: flex;
         justify-content: space-around;
     .nav-img{
        width: 40%;
        margin-top: 2%;
        margin-left: 15%;
     .bar{
        width: 70%;
        margin-top: 3%;
        display: flex;
        flex-direction: row;
        gap: 2vw;
        /* justify-content: space-evenly; */
     .bar > a{
        text-decoration: none;
         color: white;
     .boost{
         display: flex;
        /* justify-content: space-between; */
55
        gap: 40px;
        max-width: 70%;
        margin: auto;
        margin-top: 5%;
     .boost-text{
        width: 50%;
        margin-top: 5%;
     .boost-text > h1{
        font-size: 3rem;
         color: White;
```

Figure 2

```
.boost-text{
         position: relative;
70
     .boost-text > button{
         position: absolute;
        left: 21px;
        top: 293px;
        width: 80px;
         height:32px;
78
        background-color: ☐rgb(33, 33, 33);
         border: none;
        font-size: 17px;
         color:  yellowgreen;
    .boost-img > img{
         background-image: url(./Images/race-img1\ copy.png);
         /* width: 60%; */
    .blocks{
        margin: 50px;
         display: flex;
         gap: 10px;
         justify-content: center;
    .block{
         width: 12px;
         height: 12px;
         background-color: __yellow;
         border-radius: 50% 80% / 80% 10%;
         margin-bottom: 5rem;
    .white-block{
         width: 12px;
```

Figure 3

```
height: 12px;
   background-color: ☐ white;
   border-radius: 50% 80% / 80% 10%;
.info{
   display: flex;
    flex-direction: row;
    justify-content: space-evenly;
   align-items: center;
   gap: 10rem;
    padding: 2vh 12vw;
.headingcardo{
   margin: 2vh 0;
.cardopara{
   padding: 2vh 0;
.cardo{
   display: flex;
    justify-content: center;
   align-items: flex-start;
#yellowcard{
   background-color: ☐ yellow;
   width: 380px;
   height: 250px;
   color: □black;
.card1{
   display: flex;
   flex-direction:column ;
.card-img{
   position: relative;
.card-left{
   position: absolute;
   display: flex;
```

Figure 4

```
.card-text{
   width: 20%;
   margin-left: 30px;
.products{
   text-align: center;
   max-width: 70%;
   margin: auto;
   color: □black;
.products > h1{
   padding-top:5rem;
.product-card{
   margin-top: 4rem;
    flex-wrap: wrap;
   display: flex;
   flex-direction: row;
    gap: 30px;
   justify-content: center;
.performance{
   padding-top: 5rem;
   max-width: 70%;
   margin: auto;
   display: flex;
   flex-direction: row;
   gap: 100px;
   align-items: center;
.performance-text{
   padding-top: 5rem;
   width: 40%;
```

Figure 5

```
.performance-text > h2{
    font-size: 2rem;
.performance-text > img{
    position: relative;
   display: none;
.performance-text > button{
   position: absolute;
    /* top: 139.3rem; */
   border: none;
   background-color: ■white;
    font-size: 1rem;
    border: 2px solid □black;
 padding: 1.5vh 2vw;
.performance2{
   padding-top: 15rem;
   max-width: 100%;
   margin: auto;
   display: flex;
    flex-direction: row;
   gap: 100px;
.performance2 > .performance-text > button{
    border: none;
    background-color: ☐ rgb(246, 162, 7);
   border: 1px solid □black;
.sign-up{
   max-width: 70%;
   margin: auto;
   padding-top: 13rem;
   display: flex;
   color: ☐ white;
   gap: 13rem;
   padding-bottom: 10rem;
.sign-left{
   width: 35%;
.sign-left > h3{
```

Figure 6

```
.sign-left > h2{
    font-size: 3rem;
    color: ■yellow;
.sign-right{
   padding-top: 3rem;
    display: flex;
    justify-content: center;
    align-items: center;
.sign-right > .sign1img{
   position: relative;
   display: none;
.sign-right > .button1{
   background-color: \Boxrgb(29,29,29);
   border: none;
   color: ☐ white;
   margin: 0 2vw;
   padding: 2.2vh 2vw;
   border: 1px solid ■wheat;
.sign-right > .sign2img{
   position: relative;
   display: none;
.sign-right > .button2{
   margin: 0 2vw;
   padding: 2.2vh 2vw;
   border: 1px solid ■wheat;
   background-color: ☐rgb(29, 29, 29);
    color: ☐white;
    padding-top: 2rem;
    background-image: url(_/Images/Layer\ 0.png);
    background-size: cover;
    color: ■white;
   padding-bottom: 5rem;
    display: flex;
    flex-direction: row;
```

Figure 7

```
.footer{
    padding-top: 2rem;
    background-image: url(./Images/Layer\ 0.png);
    background-size: cover;
    color: ■white;
    padding-bottom: 5rem;
    display: flex;
    flex-direction: row;
.box1{
    display: flex;
    flex-direction: column;
    max-width: 20%;
    margin-left: 2rem;
.box2{
    max-width: 60%;
    margin: auto;
    display: flex;
    flex-direction: column;
    gap: 20px;
.box2 > h3{}
    text-decoration: solid;
.box2 > p{
    font-size:small;
    cursor: pointer;
footer{
    background-color: □rgb(35, 35, 35);
    padding-top: 10px;
    text-align: center;
    color: white;
    height: 40px;
span{
    color: _ yellow;
```

Figure 8

MEDIA QUERIES:-

```
@media screen and (max-width:1162px){
       .boost-text {
          width: 50%;
           margin-top: 0;
         .boost{
           max-width: 87%;
11 @media screen and (max-width:1056px){
       .nav-img {
           width: 40%;
           margin-top: 2%;
           margin-left: 5%;
19 @media screen and (max-width:1043px) {
       .boost-text > button{
           top: 286px;
      .cardo {
           display: flex;
           justify-content: center;
           align-items: center;
           flex-direction: column-reverse;
32 @media screen and (max-width:934px){
       .bar{
           width: 117%;
       .sign-up {
           max-width: 90%;
           margin: auto;
           padding-top: 13rem;
           display: flex;
           color: white;
           gap: 13rem;
           padding-bottom: 10rem;
```

Figure 1

```
@media screen and (max-width:903px) {
    .boost-text > button {
        top: 307px;
     .performance2 {
       padding-top: 15rem;
        max-width: 100%;
       margin: auto;
       display: flex;
       flex-direction: row;
        gap: 32px;
@media screen and (max-width:891px){
        max-width: 95%;
     .boost-text > button {
       top: 287px;
     .performance2 {
       padding-top: 15rem;
       max-width: 100%;
        margin: auto;
        display: flex;
       flex-direction: row;
        gap: 32px;
        flex-direction: column;
        align-items: center;
    .performance{
        max-width: 90%;
    .sign-up {
       max-width: 90%;
        margin: auto;
        padding-top: 6rem;
       display: flex;
       color: ■white;
       gap: 0rem;
       padding-bottom: 10rem;
        flex-direction: column;
        justify-content: center;
        align-items: center;
@media screen and (max-width:821px){
  justify-content: center;
  align-items: center;
    .performance {
        max-width: 90%:
```

Figure 2

```
@media screen and (max-width:821px){
    .performance {
        flex-direction: column-reverse;
        gap: 25px;
     .performance-text {
       padding-top: 0rem;
       width: 70%;
@media screen and (max-width:807px){
    .nav-img {
       width: 40%;
       margin-top: 1%;
       margin-left: 5%;
       width: 100%;
@media screen and (max-width:719px) {
    .boost-text > button {
       top: 305px;
     .info {
       display: flex;
       flex-direction: column;
        justify-content: space-evenly;
       align-items: center;
       gap: 10rem;
       padding: 2vh 12vw;
@media screen and (max-width:708px) {
    .nav {
       display: flex;
        justify-content: center;
        flex-direction: column;
        align-items: center;
      .boost-text {
       width: 71%;
       margin-top: 0;
       display: flex;
        flex-direction: column;
        justify-content: center;
        align-items: center;
        text-align: center;
```

Figure 3

```
@media screen and (max-width:708px) {
       margin: 2vh;
  font-size: 3vw;
      .nav-img{
       width: 19%;
       justify-content: center;
       width: 100%;
@media screen and (max-width:705px) {
        top: 330px;
        left: 197px;
@media screen and (max-width:686px) {
    .boost-text > button {
       top: 322px;
        left: 184px;
@media screen and (max-width:646px){
    .boost-text > button {
        position: initial;
     .boost-text>img{
        display: none;
        padding-top: 2rem;
        background-image: url(Layer\ 0.png);
        background-size: cover;
        color: ■white;
        padding-bottom: 5rem;
        display: flex;
        flex-direction: column;
      .box1 {
        display: flex;
        flex-direction: column;
        max-width: 100%;
        margin-left: 2rem;
        max-width: 100%;
        margin: auto;
```

Figure 4

```
display: flex;
        flex-direction: column;
        gap: 20px;
        margin-left: 2rem;
        margin: 1vh 0 1vh 2rem;
        align-items: center;
@media screen and (max-width:535px) {
    .bar{
        font-size: 2.8vw;
       width: 100%;
    .nav-img {
       width: 22%;
@media screen and (max-width:500px){
    .boost-text > h1 {
       font-size: 9vw;
       color: ■white;
      .performance-img>img{
       width: 60vw;
@media screen and (max-width:452px) {
    body{
       width: 100vw;
    .nav-img {
       width: 30%;
     .boost-img > img {
       background-image: url(race-img1\ copy.png);
       width: 100%;
```

Figure 5

References

- 1. www.photopea.com
- 2. www.w3schools.com
- 3. <u>www.psdFreebies.com</u>
- 4. https://fonts.google.com/