

Web Accessibility Project Report

- Rounak Chourasia

Overview

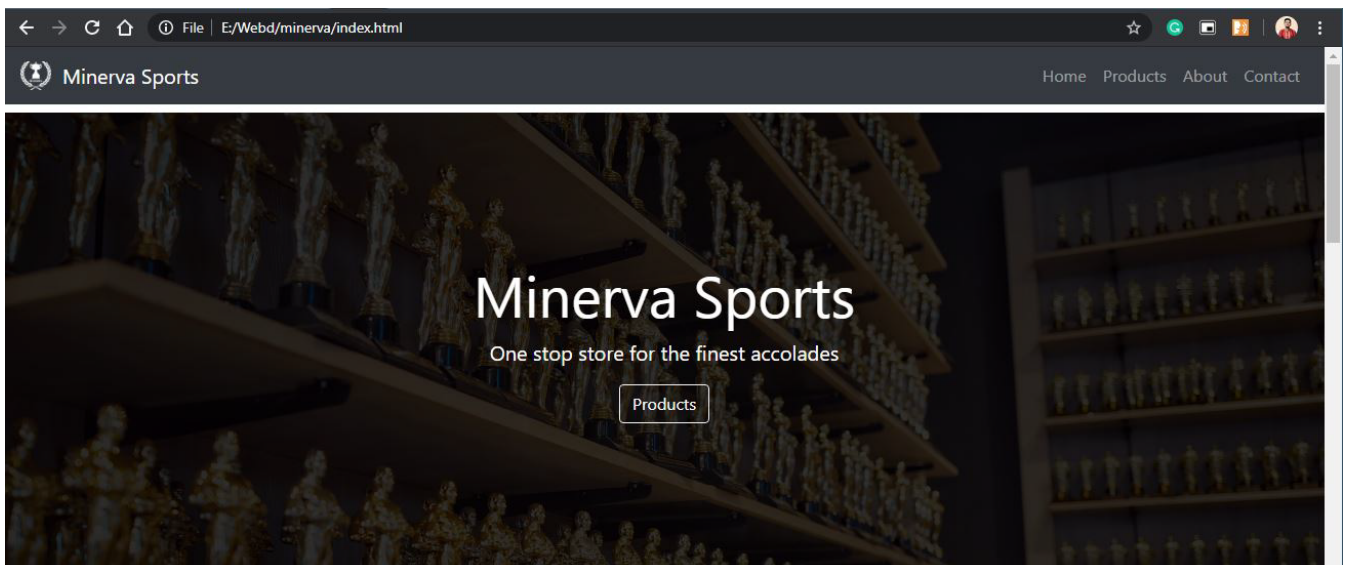
Website Name: Minerva Sports

Usecase: Catalogue

Tech Stack: HTML, CSS, JavaScript, Graphic Designing

This is a website for a local business owner who wanted to host their catalogue online through their website for easy sharing and promoting their business. the website is in prototupe stage and I am working to improve it. Recently I added some more accessebility to the website and came across AIRA attributes and other features which i used to make the website more accessible.

According to Web Content Accessibility Guidelines (WCAG) websites should be perceivable, operable, understandable and robust. I have tried to accomplish that and made my website a little more accesseble



Specifications

1. To make the Website **percieveable** for the Blind people I have used diffrent attributes like,

aria-label : to provide the correct text for divisions, buttons and sections

aria-expanded & **aria-controls** : for letting the user know when they toggles the main menu in mobile view

```
<button class="navbar-toggler"
type="button" data-toggle="
collapse" data-target="
#navbarCollapse"
aria-controls="navbarCollapse"
aria-expanded="false"
aria-label="Toggle navigation">
  <span class="navbar-toggler-icon"
  "></span>
</button>
```

aria-labelledby : to provide ID of different element so that i dont need to repeat same text in HTML file

role : to let the Screen Reader know what is the element

alt : I have provided detailed alternative text for every image

2. To make the Website **operable** for the those people with motor disability I have used attributes like:

tabindex: to easily go through all the important section of the website just by pressing tab

3. To make the Website **understandable** i have used enough whitespaces in the website and used proper indentations

4. To make the Website **Robust** i have used the mobile-first approach and made the website easily usable throughout different resolutions

```
<div class="col-md-3">
  <div class="card mb-4 shadow-sm"
  >
    
    <title>T1</title>
    <div class="card-body"
      tabindex="0">
      <div id="t12">
        <p class="card-text">Man
          of the Match Award</p>
        <small class="text-muted">
          Price</small>
        <p class="card-text price"
          >&#8377 400</p>
      </div>
    </div>
  </div>
</div>
```

In future i am going to make different CSS attribute for different colour contrasts and different text sizes and thickness to make the website accessible to partially blind and colour blind peoples.

Website Link: https://rounak122.github.io/minervasports_web/

