


Team 8: Tech Insight

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Description

- Sometimes users get lost within a website, and end up purchasing the wrong product, or spending more than necessary.
 - When comparing products, users usually have to go to different websites to review different products.
 - After finding a deal on a third party website, the user might not have the same assurance to buy the product compared to the official website of the product.
 - Easy to navigate with a friendly user interface.
 - Highly descriptive insight and specifics within each product.
- 

Preliminary Sketch

Tech Insight

Phones Laptops Desktops Tablets Accessories Search

Insert Background Here



Demonstration video

In the case of video
doesn't work due to
Google Slide, it can
be found here:
[https://drive.google.co
m/file/d/1_c6D9mIHaj
UwcdDdYzRU5Ymjud
z8LcYo/view?usp=sha
ring](https://drive.google.com/file/d/1_c6D9mIHajUwcdDdYzRU5Ymjudz8LcYo/view?usp=sharing)

HTML Elements

`<head>` : Container for the metadata; identifying the document types, styles, etc.

`<nav>` : It helped provide a section where all the links for css and js files could be referenced for different changes

`<footer>`: It gives us a place for copyright holder of website

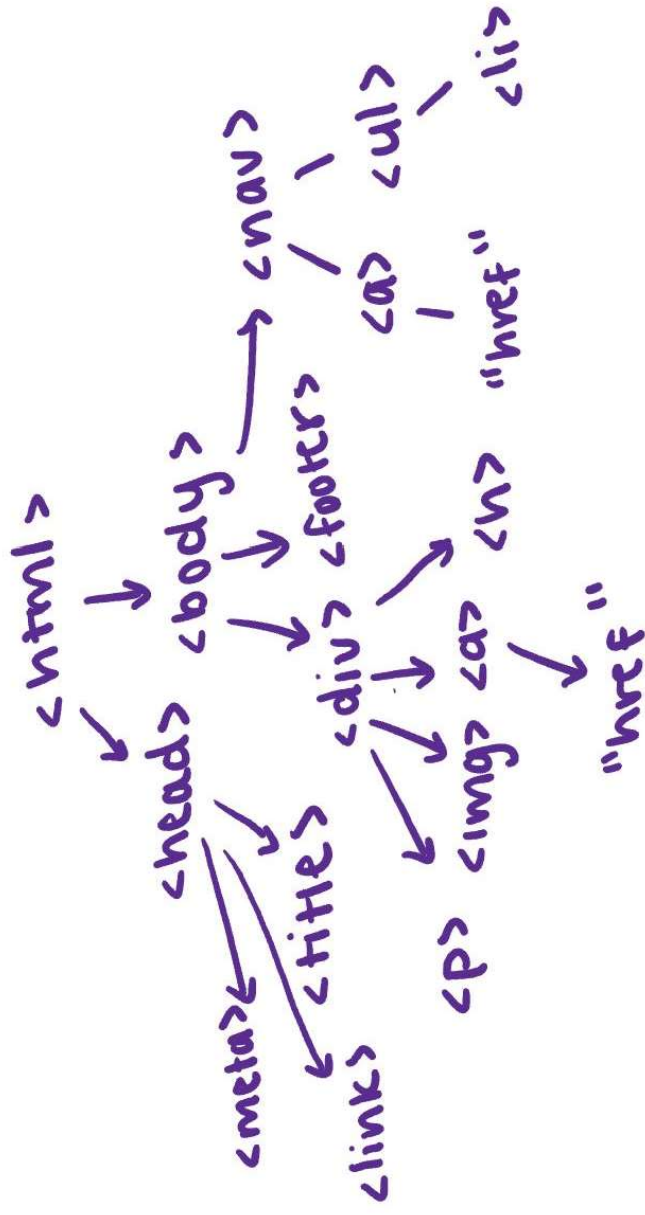
`<body>`: contains all the contents of an HTML document, such as headings, paragraphs, images, hyperlinks, tables, lists, etc

`` / `` / ``: Proper semantic structure for the content

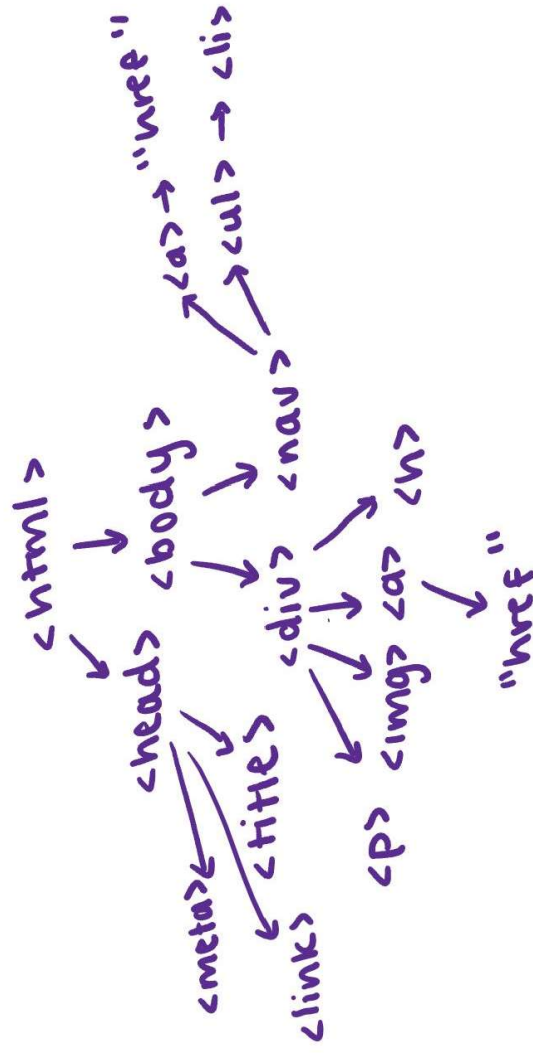
``: Helped to emphasize the importance of certain texts

`<a>` href: Attribute is used to specify the URL of the page that the link goes to

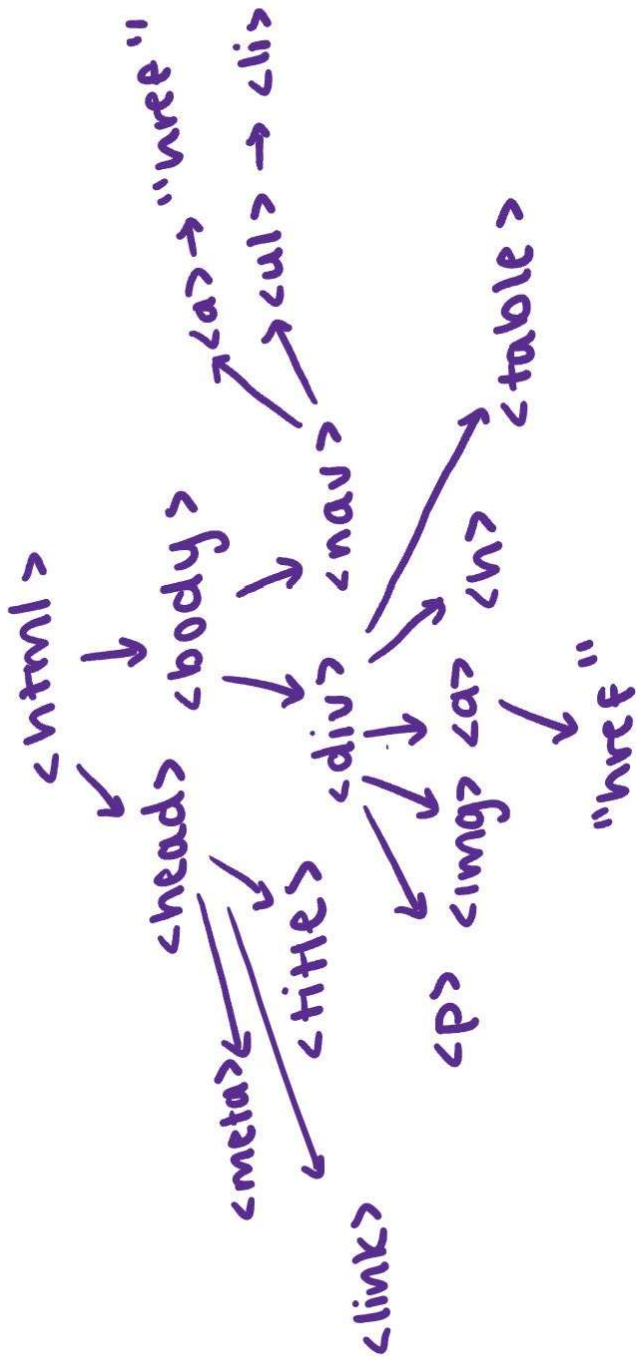
DOM for the Index Page



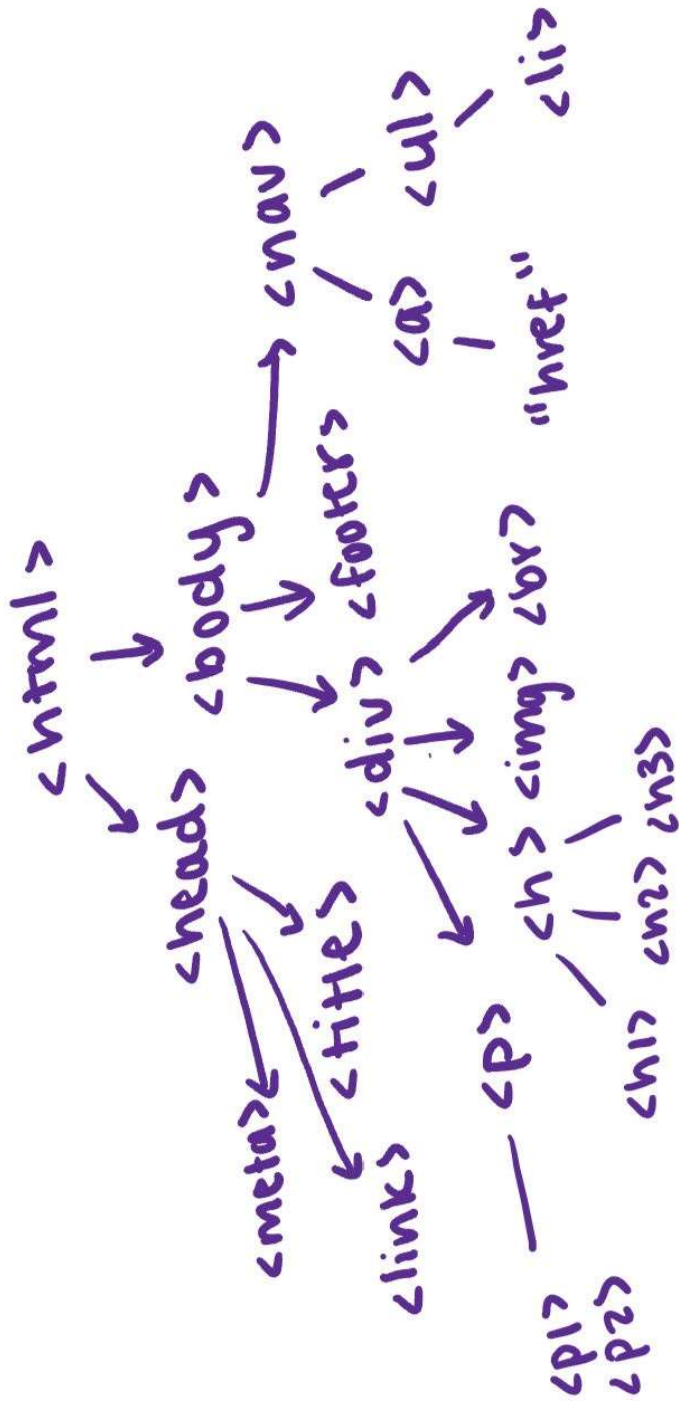
DOM for the Products Page



DOM for Compare Page



DOM for the About us Page



CSS Formatting

```
<meta name="viewport" content="width=device-width, initial-scale=1, viewport-fit=cover">
```

Media Queries:

```
@media screen and (min-width: 1200px){  
  .product-items{  
    grid-template-columns: repeat(3, 1fr);  
  }  
  .product{  
    margin-right: 1rem;  
    margin-left: 1rem;  
  }  
  .products .text-light{  
    width: 50%;  
  }  
}
```

The media query allows to deliver stable and uniform layout to all the different sizes of screens(laptops, tablets, phones).

Viewports:

The meta tags helped to implement the width and scaling of the viewport.

Liquid Layout:

```
.card {  
  box-shadow: 0 10px 12px 0 rgba(0, 0, 0, 0.747);  
  max-height: max-content;  
  max-width: max-content;  
  margin: 5px;  
  text-align: left;  
  font-family: arial;  
  padding: 2%;  
  flex-grow: 1;  
  flex-basis: 20%;  
}
```

Proportions (percentages) were used to scale the layout of the webpages.

JavaScript functionality

- The utilization of JavaScript helped create the main focus of our project: the compare page. The significance of this tool is to see specs side by side, and help the user choose which product fits their needs.

```
$(document).ready(function () {
  $('#submit').click(function() {
    var select = $('#select_devices');
    if (select.val() === "Please select") {
      console.log("Please select an item from the list and then proceed!");
      $('#select_devices').focus();
      for(var i=1;i<=32;i++){
        $('#laptop_selected_'+i).hide();
      }
      for(var i=1;i<=32;i++){
        $('#phone_selected_'+i).hide();
      }
      for(var i=1;i<=32;i++){
        $('#tablet_selected_'+i).hide();
      }
    }
  })
})
```

This format utilizes an event listener to create an interactive experience for the user. Based on the user's event it shows and hides different parts of the webpage.

Contributions

Alisha

- Research on the Tablets and Accessories, HTML and CSS for the tablet web page, and HTML for the compare page, basic rough CSS page for compare (changed after contributions).

Haig

- HTML and CSS for phone page, research on phones and laptops, JS for loops on compare page (simplified previous code), preliminary sketch, web description presentation, and web requirements document.

Nick

- Aided with initial layout design, operations coordinator, research on products and accessories.

Julian

- HTML and CSS for Home page, Laptop page, Compare page, and About us page. Rough draft of JS for Compare page. Media query for web pages.

GitHub repository

app00jul/Tech_Insight

https://github.com/app00jul/Tech_Insight.git

