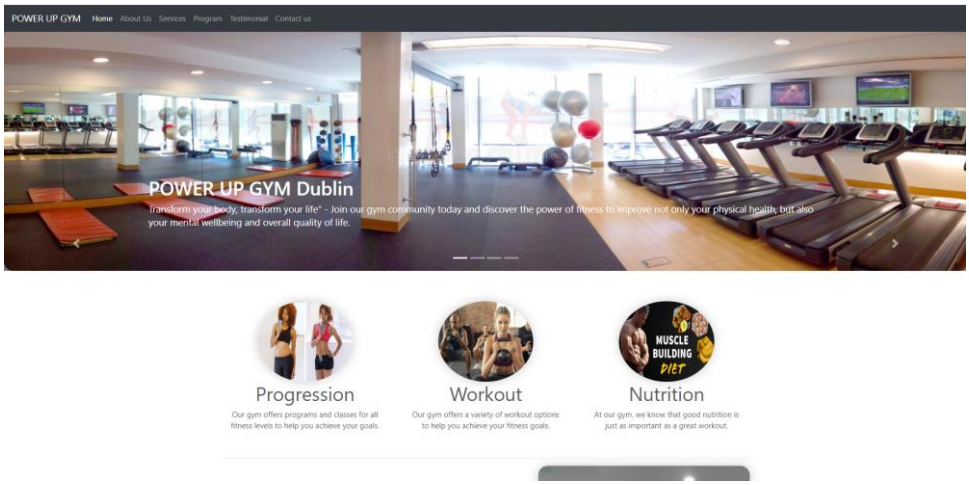
Power up GYM Website

Dublin Ireland

Website URL: https://mutebir2.github.io/



BY

Name	Student Number
Mukasa Stuart	x21142904
Gabriel Rasguido Copa	x22189025
Josilaine Ribeiro	X22203982

Submitted to: Eugene McLaughlin

Table of Contents

1. Executive Summary

The idea of a gym website is to provide an online platform where gym owners can showcase their facilities, services, and programs to potential customers. The main problem that gym websites solve is providing a convenient and accessible way for people to learn about and connect with local gyms. By having an online presence, gyms can reach a wider audience and attract new customers who are searching for fitness options in their area.

The market size for gym websites is significant, as the fitness industry continues to grow and evolve. With the rise of health and wellness trends, more people are prioritizing fitness and looking for gym options that fit their needs and preferences. Additionally, the COVID-19 pandemic has highlighted the importance of online options for fitness, and many gyms have had to pivot to virtual offerings to stay competitive.

Overall, gym websites are an essential tool for gym owners to promote their business, attract new customers, and provide a convenient and accessible way for people to learn about their fitness options.

. (Google, 2022)Pop in links here to your website – Git page etc

2. Project Work

Each member of the team was tasked with creating 2 pages for the gym website. Below is a sample Gantt chart describing how the work was done.

Task Name	Duration	Start Date	End Date	Dependencies	Resources
Project Start	1 day	03/15/2023	03/15/2023	-	-
Requirements Gathering	5 days	03/16/2023	03/22/2023	Project Start	Group Members
Content Creation	7 days	03/23/2023	03/31/2023	Requirements Gathering	Group Members
Design	5 days	04/01/2023	04/05/2023	Content Creation	Group Members
Development, testing, Launch	14 days	04/06/2023	04/19/2023	Design	Group Members
Project End	1 day	04/20/2023	04/20/2023	Development, testing, Launch	-

3. Design Process

For the design process, we used bootstrap frame to make the website responsive. Bootstrap is a popular open-source framework used for developing responsive and mobile-first web applications. It was originally developed by Twitter and is now maintained by a large community of developers. Bootstrap offers a wide range of components such as buttons, forms, modals, and typography, making it easy to create complex web applications with minimal coding.

Below are some of the elements used on the website:

Colours

Color Name	Hex Value
Primary	`#0d6efd`
Secondary	`#6c757d`
Success	`#198754`
Danger	`#dc3545`
Warning	`#ffc107`

Fonts

Font Family	Example
Arial	`font-family: Arial, sans-serif;`
Helvetica Neue	`font-family: "Helvetica Neue", sans-serif;`
Times New Roman	`font-family: "Times New Roman", serif;`
Georgia	`font-family: Georgia, serif;`
Palatino	`font-family: Palatino, serif;`

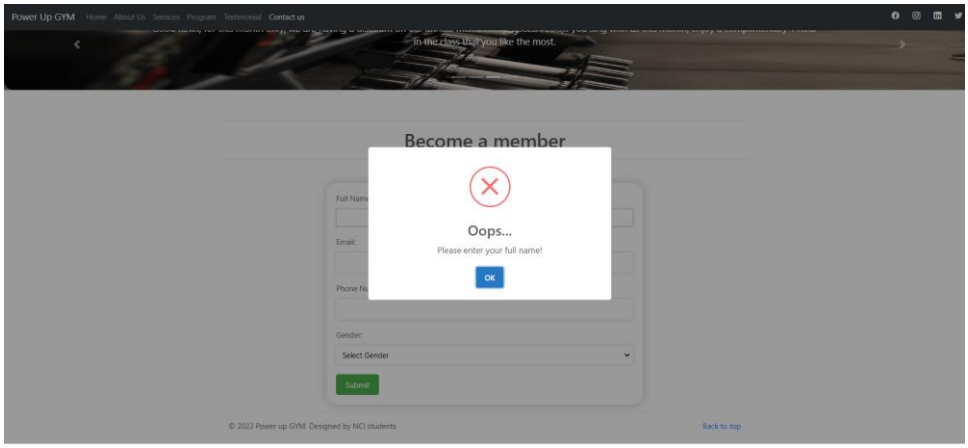
Buttons

Button Type	Class	Description
Standard	`btn`	Basic button style
Large	`btn-lg`	Large button size
Small	`btn-sm`	Small button size
Extra Small	`btn-xs`	Extra small button size

4. Testing & Responsiveness

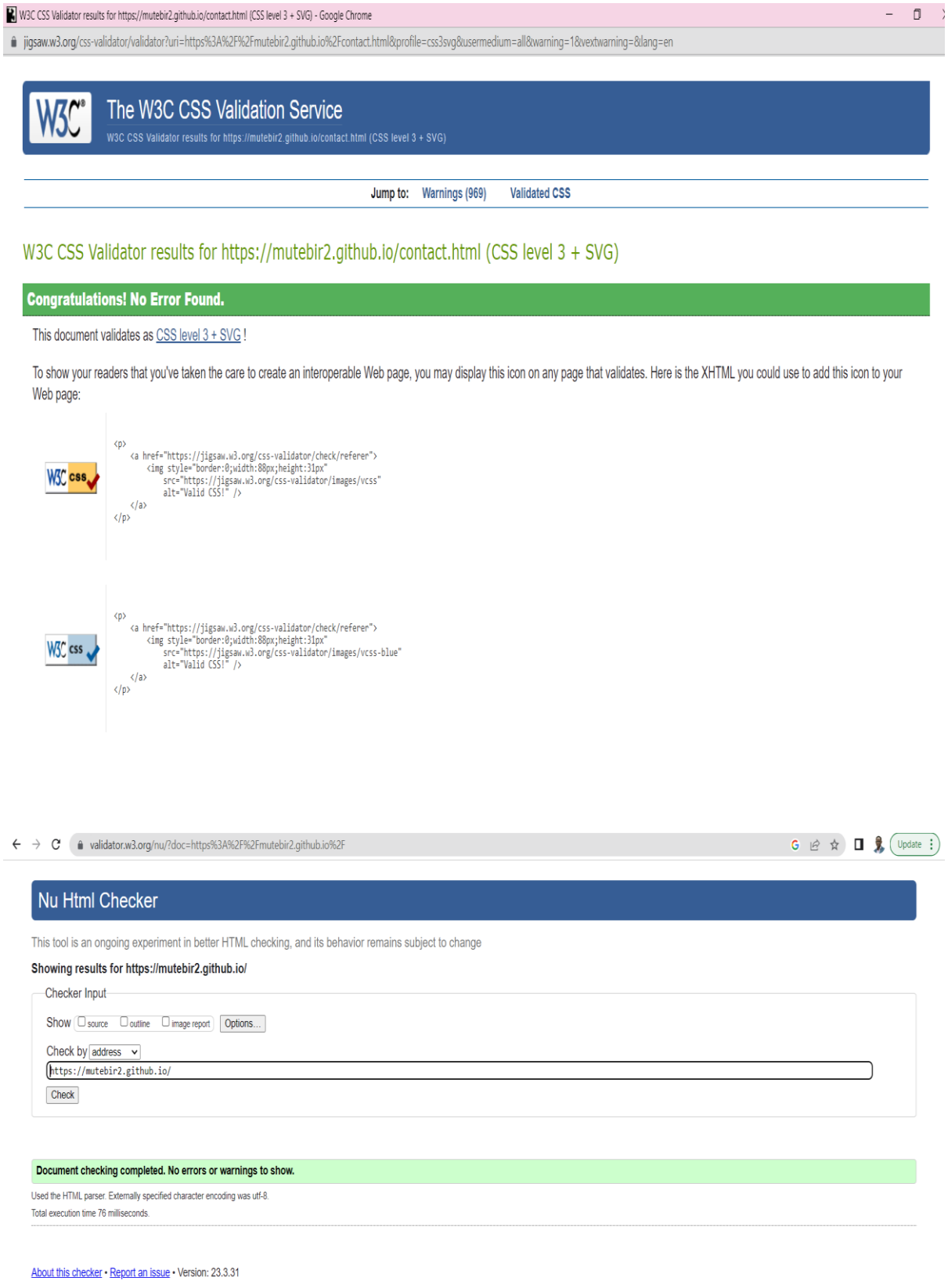
In order to make the website responsive, we used on of the most popular framework called bootstrap. Bootstrap is a popular front-end development framework that is used to create responsive websites. It is a set of CSS, JavaScript, and HTML components that provide a standardized way of creating websites and applications. Bootstrap was developed by Twitter and is now maintained by a community of developers.

To make our website more appealing, we also used javascript framework called sweet alerts.SweetAlert is a JavaScript library that provides beautiful and customizable alert popups. It allows developers to create popups that are more visually appealing than the default browser alerts, while also providing more functionality and customization options. This was not covered in class, but we researched about it.

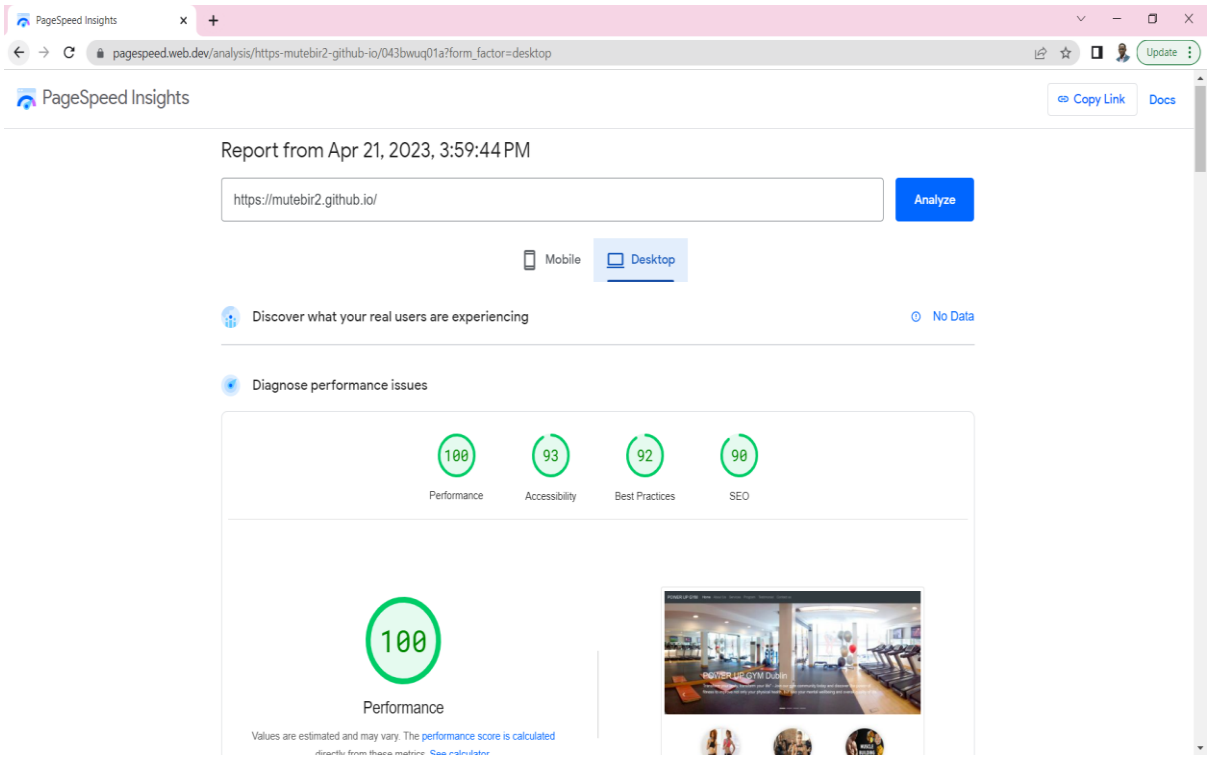


To host our website, we used GitHub, GitHub is a powerful hosting platform for version control and code management, with a range of tools and features that can help improve collaboration and streamline development workflows.
Soure code for the website can be found on this public repository
https://github.com/mutebir2/mutebir2.github.io

CSS and HTML validation. No errors found.



Performace , Accessibility, best practive and SEO .
Mobile and Desktop.



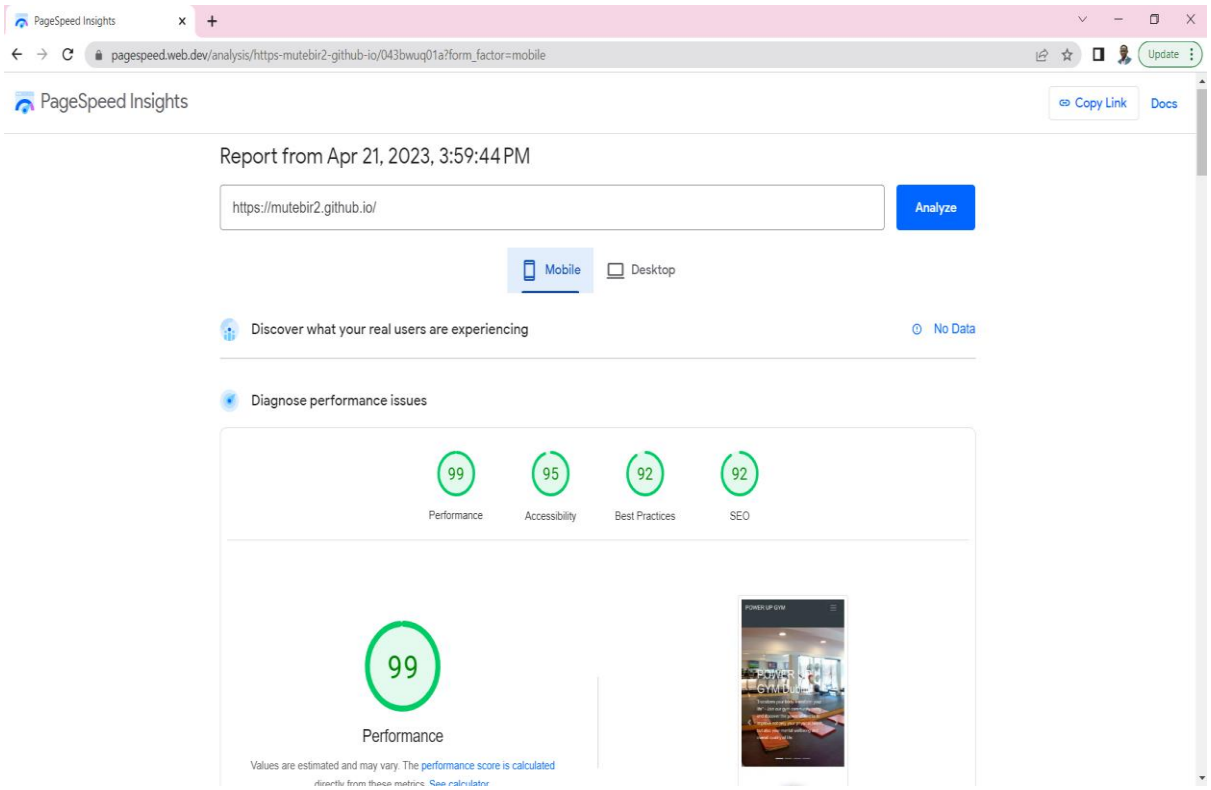
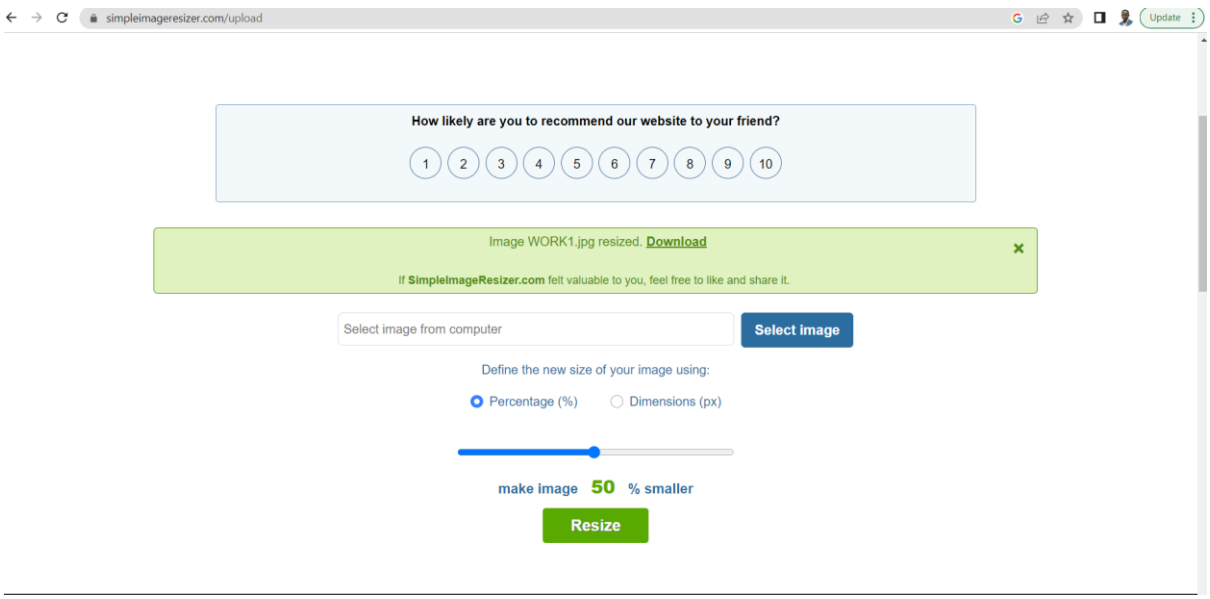
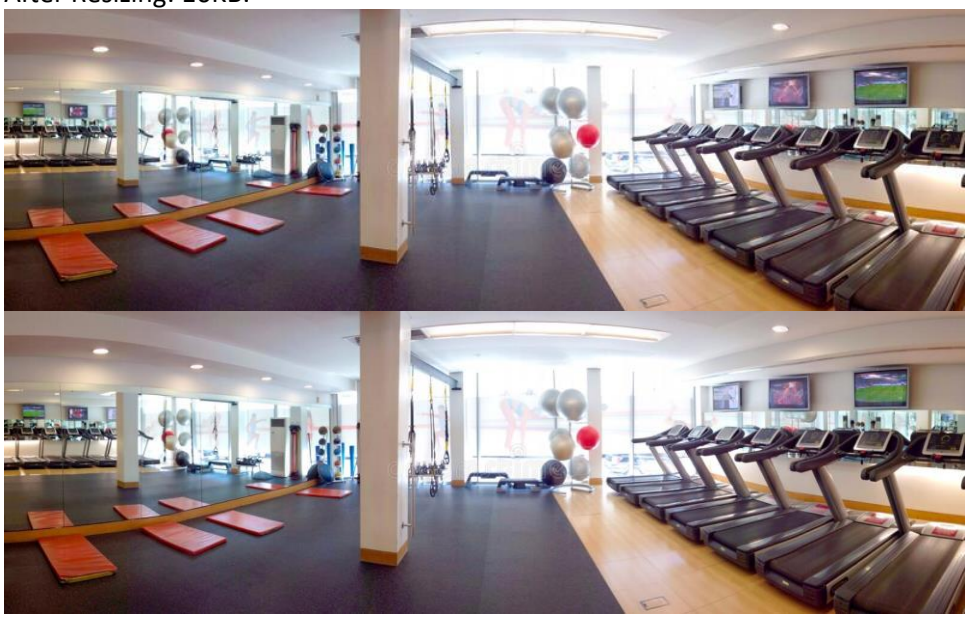


IMAGE RESIZING.

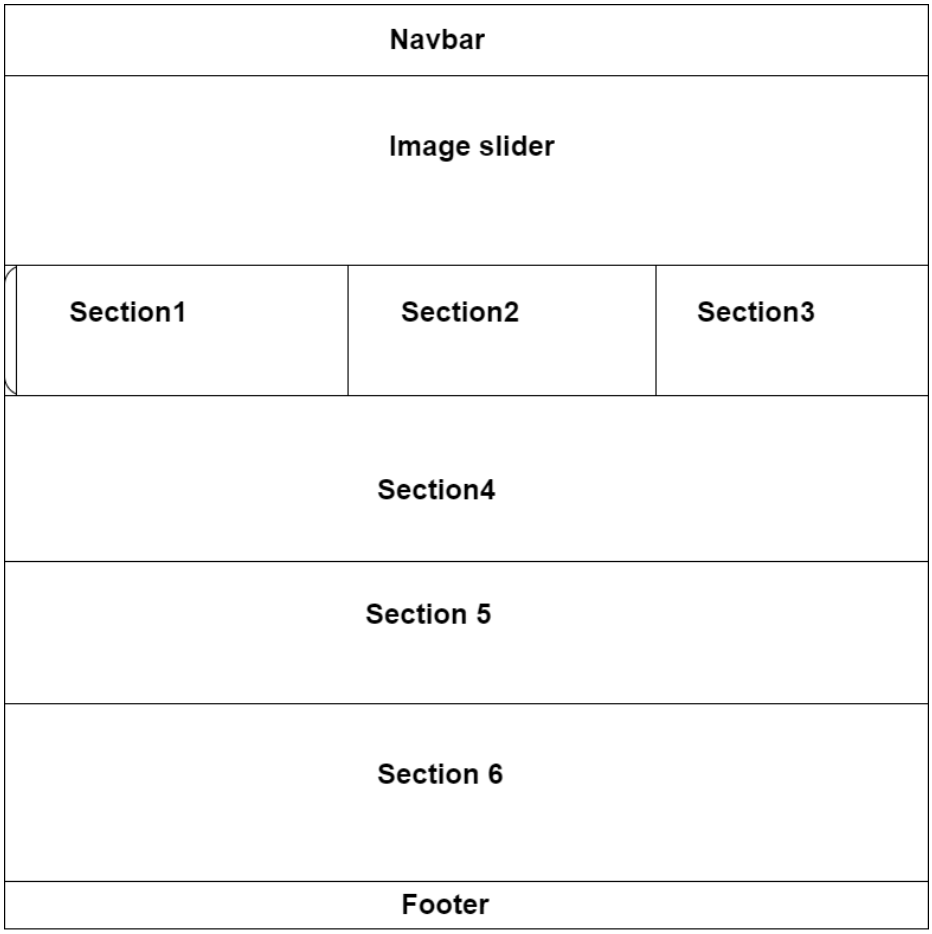
To improve on website speed, we resized some of the images using the site below.



Sample Resized Images:
Original size: 10MB
After Resizing: 10KB.



Sample WireFrame for Index page



5. Conclusion

Overall, the project was successful and the team was supportive. However, we could have achieved more, but, of course, we were limited by time. Additionally, we faced an issue with the quality of images as the team lacked a graphics designer. We believe that if we had a professional graphics designer, our website would have been even more appealing.

6. References

https://www.simpleimageresizer.com/upload

https://github.com/

https://getbootstrap.com/docs/4.0/content/typography/

Google. (2022, December Thrusday). *Google Pages*. Retrieved from Google: www.google.ie