

Accessibility on Entertainment Venue Websites

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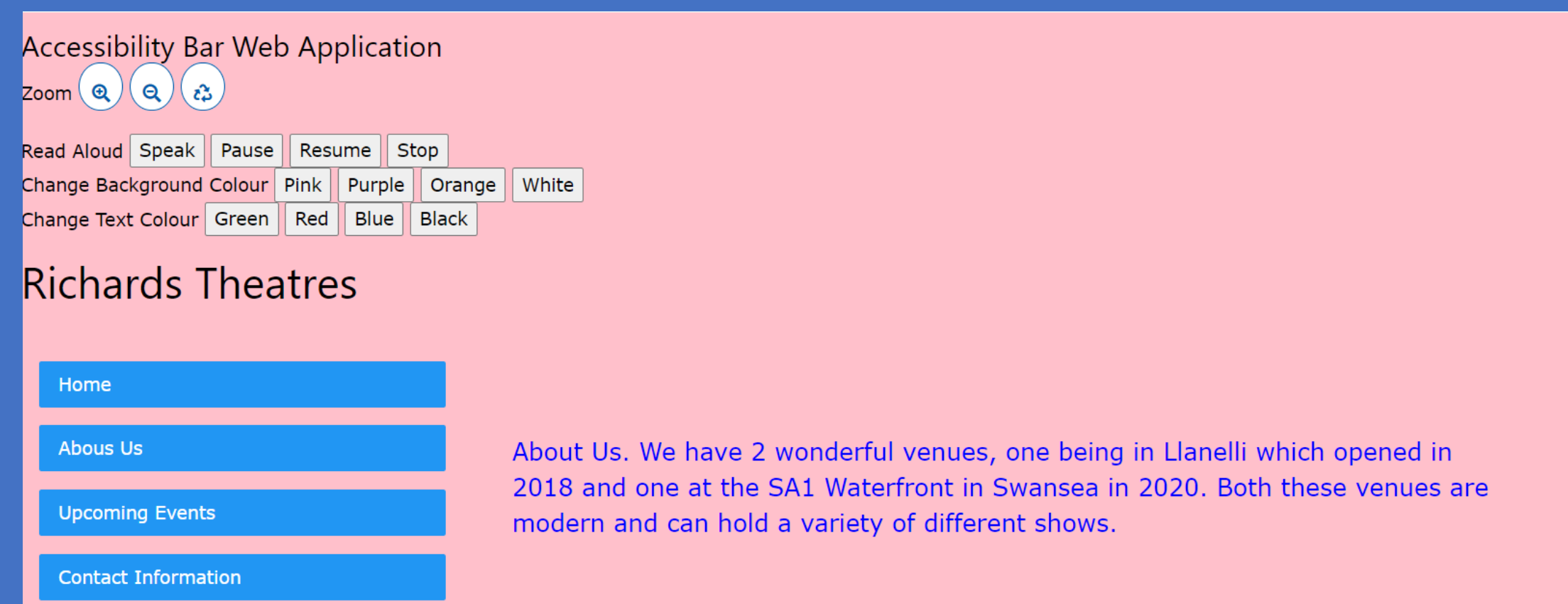
Introduction

Accessibility is important on websites, with more things now moving to the online world. With over eight million visually impaired users within the world, more of them are following this trend of completing tasks online and accessing the internet.

Accessibility can mean either having an application which allows users the opportunity to change the font size or zoom in and out as much as they need.

Design & Implementation

The accessibility bar web application has 4 main features which would assist the user to have an improved experience on the website.



Aim & Objectives

Aim:

To evaluate and improve the accessibility of an entertainment venue website.

Objectives

1. Investigate the principles and practices of designing an accessible website.
2. Analyse accessibility concepts and techniques commonly deployed by existing websites to identify that need to be addressed in the construction of an accessibility bar web application.
3. Evaluate the effectiveness of a range of accessibility principles.

Testing

Final tests of the accessibility bar web application were performed:

- The application improves accessibility on the website.
- It is good that the application makes the text larger on the page, the zoom feature does what its intentions are.
- The application reads everything at a good pace.
- A good range of background and text colours have been chosen.

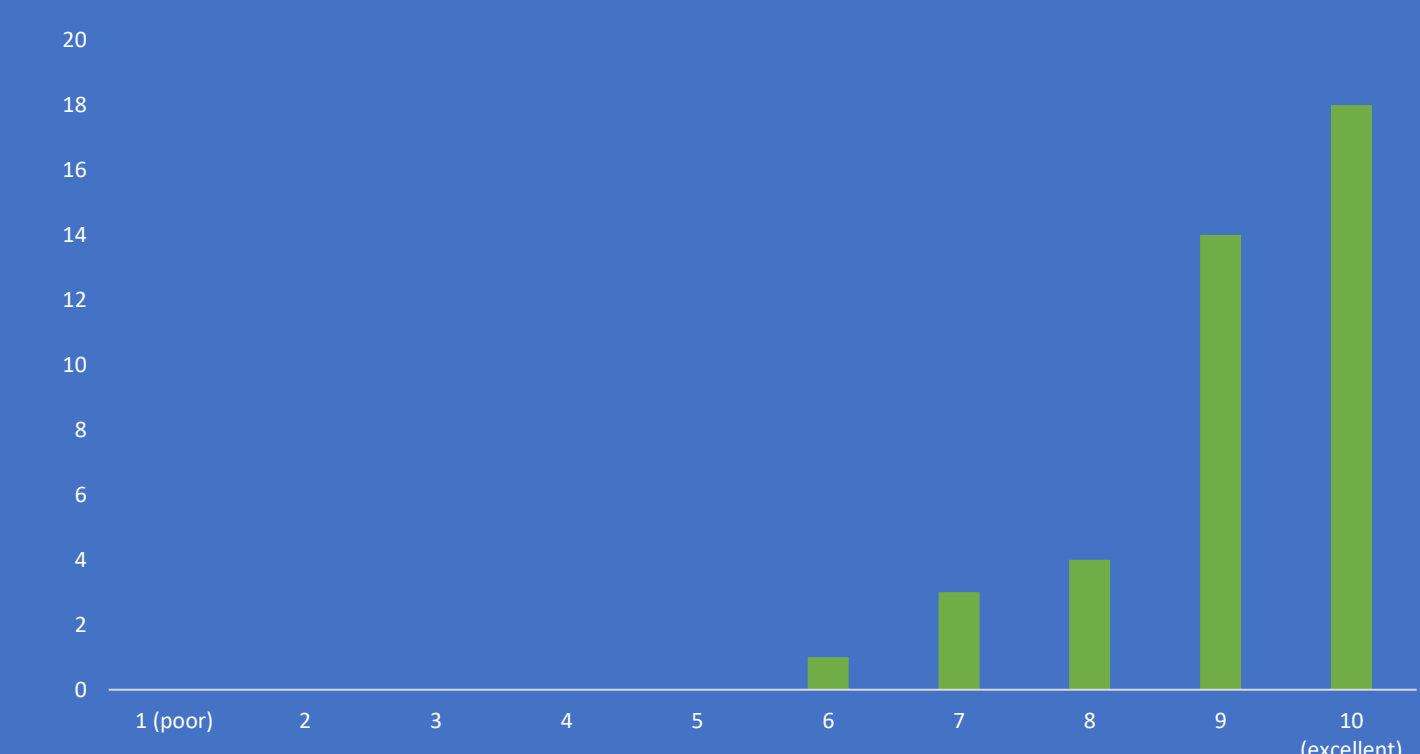
Research Findings

HTML & CSS: Web developers could allow disabled users to have an appreciation to the information on the site without affecting the overall design for everyone.

Guidelines: The WCAG2.1 criteria is a known example of accessibility on websites, which all websites should follow.

Surveys and interviews were conducted to determine current accessibility issues on existing entertainment venue websites to determine the application features.

How Accessible is a Current Entertainment Venue Website?



Conclusions & Future Work

The lack of accessibility on existing website made using the website difficult and detracted user experience.

The post-implementation interviews revealed that the application improves website accessibility and interaction.

Further work would be carried out on the working application such as image buttons as well as minimise and close the application options.