
HTML & CSS WEB DEVELOPMENT

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Computing

Internet Technology and Security

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Introduction

This report will contain evidence the website made and implemented, as well as validation and evaluation of said website.

Requirements

The website was a short guide/wiki of a recent game called Risk of Rain 2. The purpose of this website is to bring a simple, easy to digest guide for players new to the game or a veteran who wants to check detail of items quickly without wading through the mass of information other wiki sites have.

Implementation

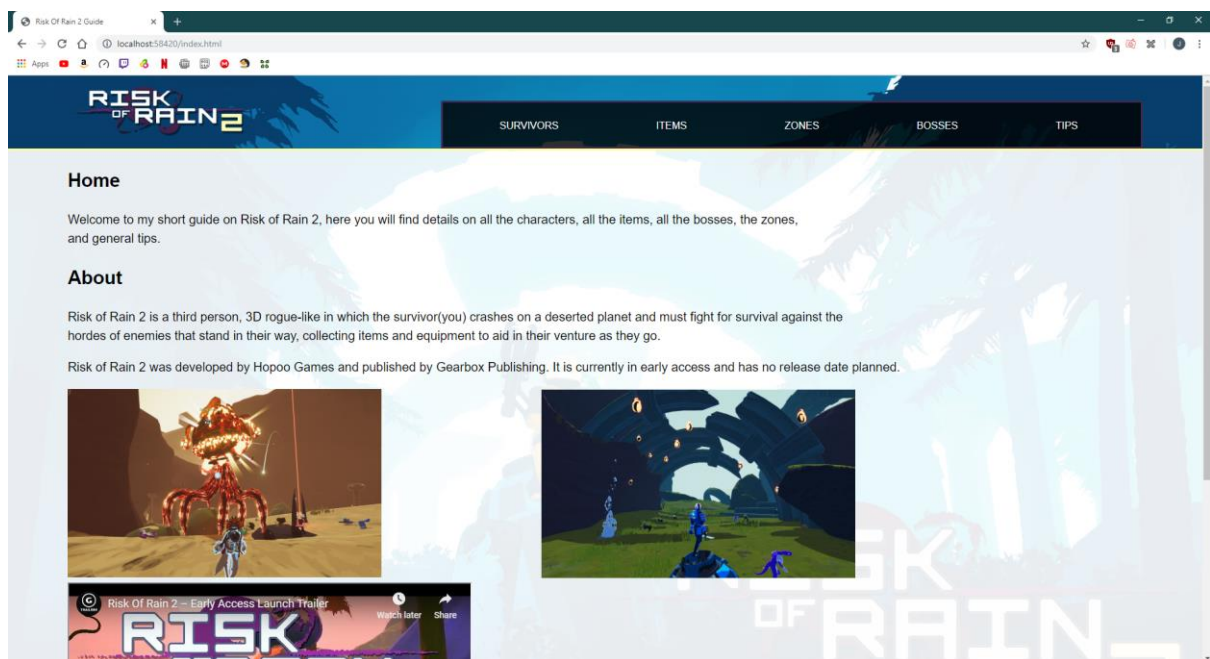


Figure 1:Home page

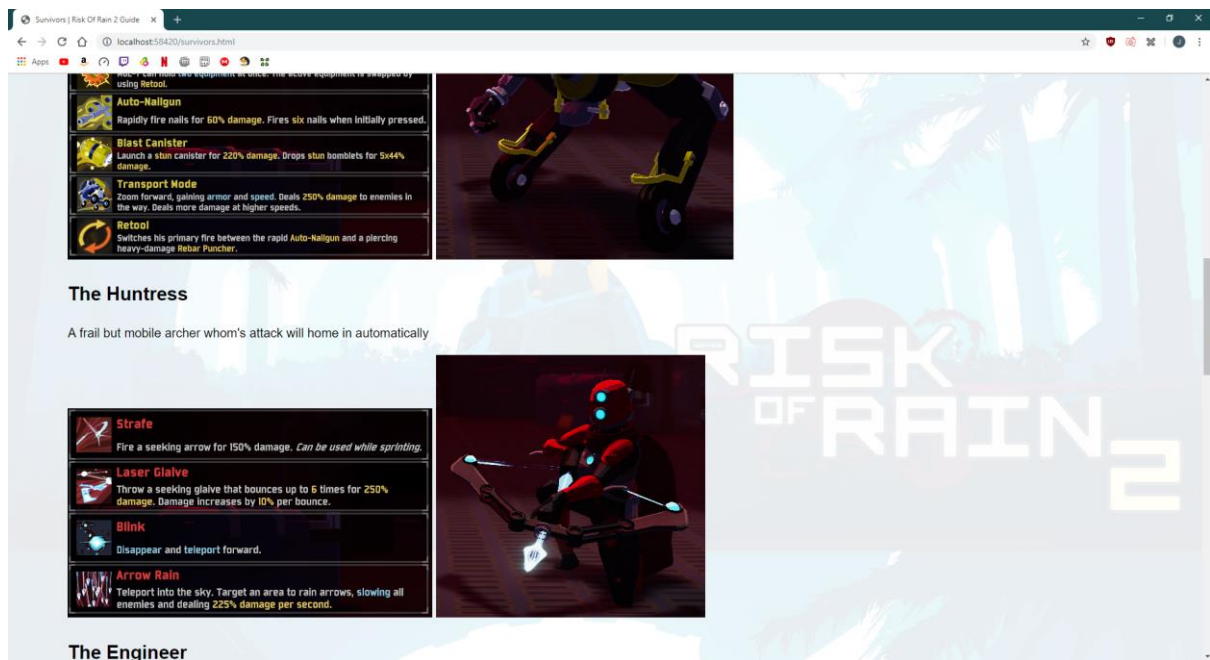


Figure 2: Survivors page

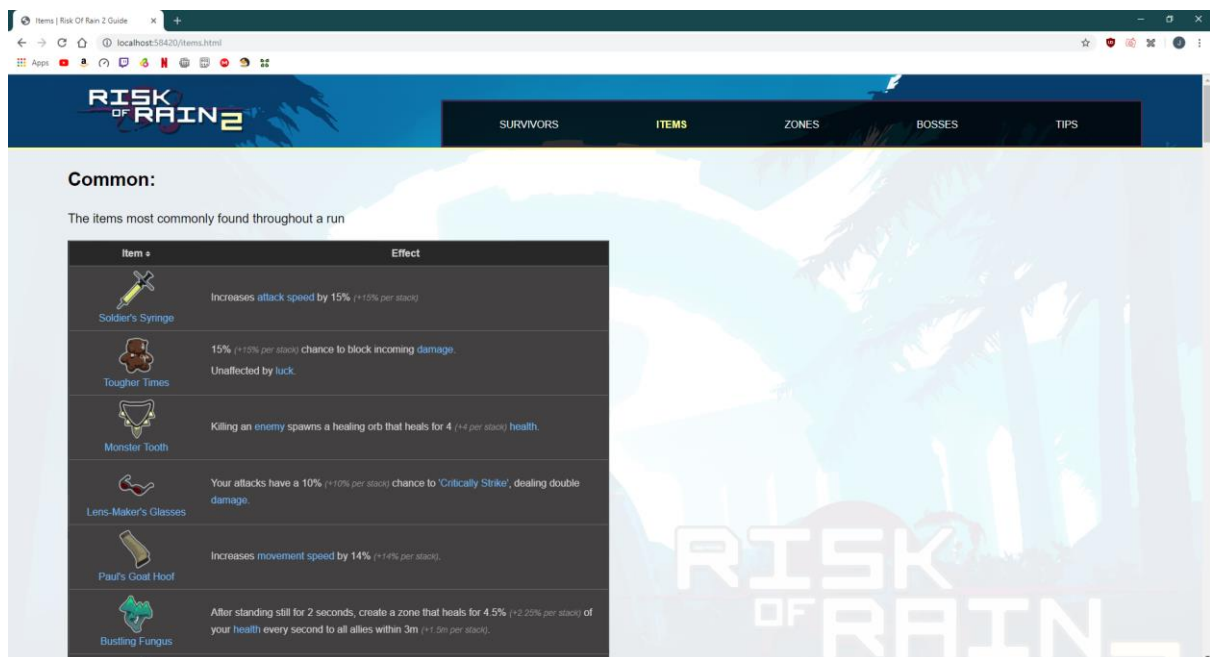


Figure 3: Items page

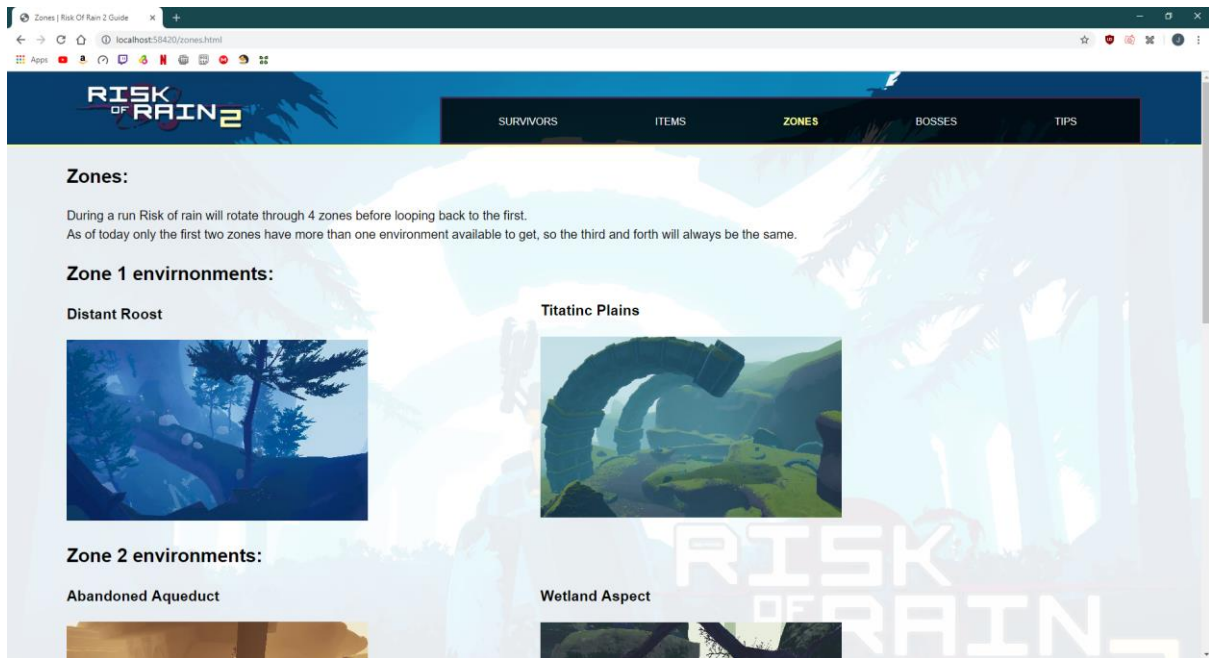


Figure 4: Zones page

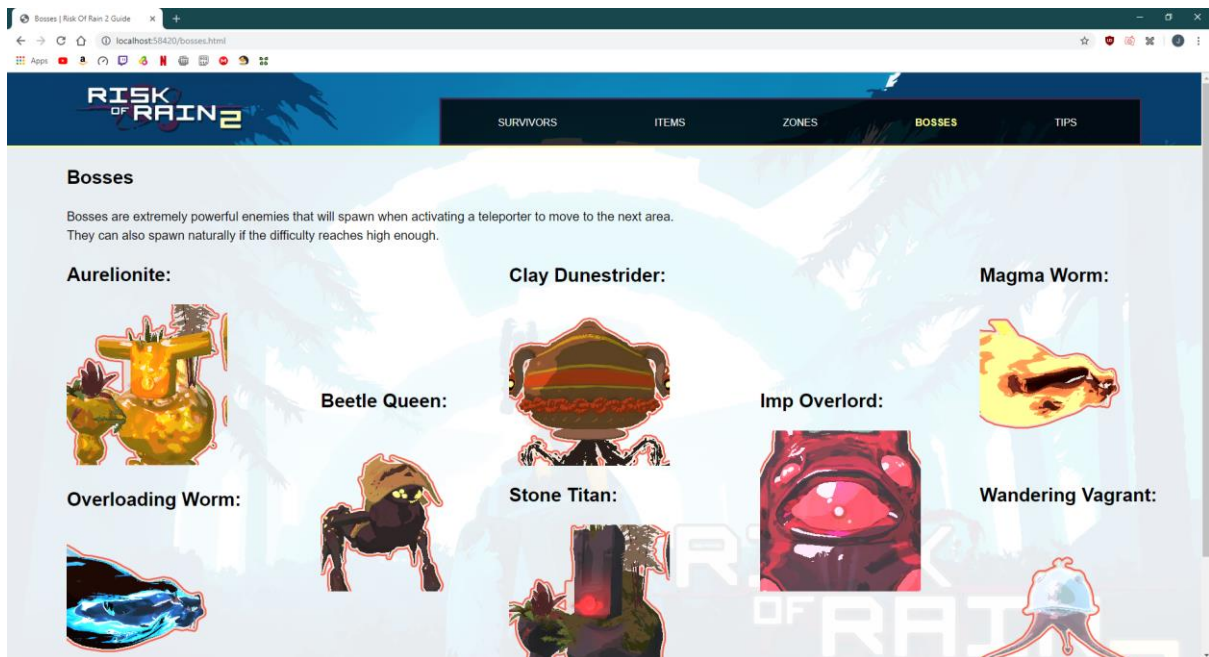


Figure 5: Bosses page

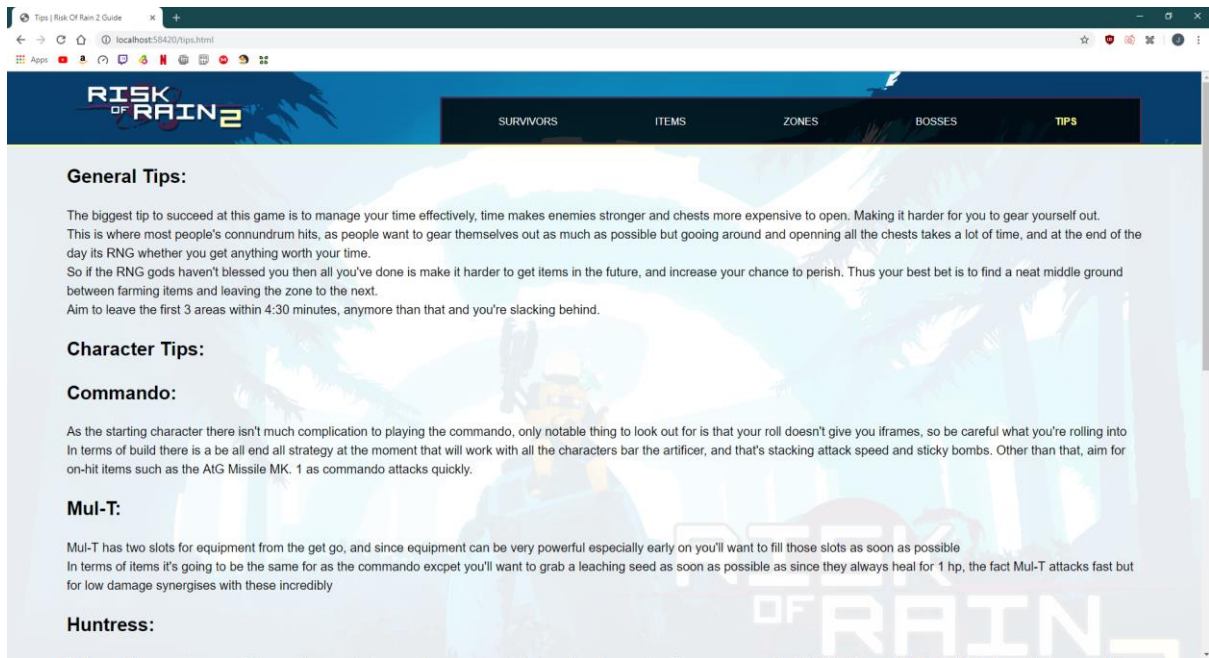


Figure 6: Tips page

Validation

After putting the Home page through the html validator, two errors were returned, they were both the same error of a lack of an “alt” attribute in an img element, this was a simple fix as a alternate text was simply added to the two images.

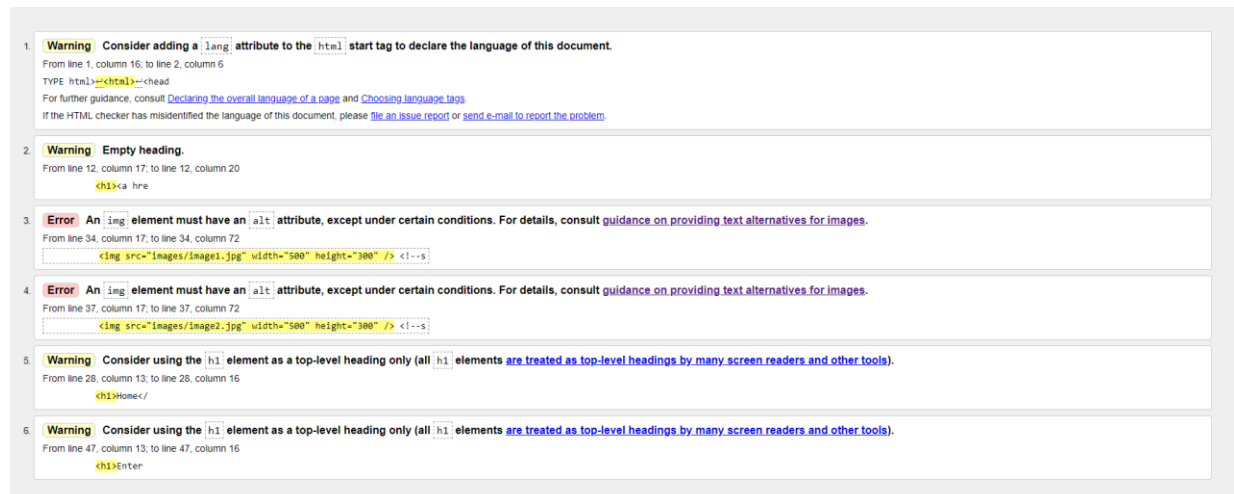


Figure 7:html validation

After putting the stylesheet through the css validator no errors were found

W3C CSS Validator results for style.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:

Figure 8:css validation

Evaluation

According to w3.org (1), the four principles of accessibility are Perceivable, Operable, Understandable, and Robust. They describe each as:

- Perceivable - "Information and user interface components must be presentable to users in ways they can perceive" (1)
- Operable – "User interface components and navigation must be operable" (1)
- Understandable – "Information and the operation of user interface must be understandable" (1)
- Robust – "Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies" (1)

It is to the author's understanding that the website meets all these criteria.

Evaluation of completed website:

The website functions adequately, the navigation bar highlights the current page, the options are highlighted a separate blue colour when hovered over, this is easily perceivable from the contrast of the transparent black background. The websites look suits the game it is based off, using primarily the game's core colours in its design. The nav bar always takes the user to the appropriate page. Users may click the logo in the top left to return to the home page. In terms of content it provides the key parts of the game being the items and survivors. In terms if future improvements, the website could use more details on enemies, especially the bosses, such as strategies, details on their AI etc.

References

1. **w3.org/WAI/WCAG21/Understanding/intro#understanding-the-four-principles-of-accessibility. w3.org. [Online] [Cited: 4 May 2019.]**
[https://www.w3.org/WAI/WCAG21/Understanding/intro#understanding-the-four-principles-of-accessibility.](https://www.w3.org/WAI/WCAG21/Understanding/intro#understanding-the-four-principles-of-accessibility)