

1 UI Documentation

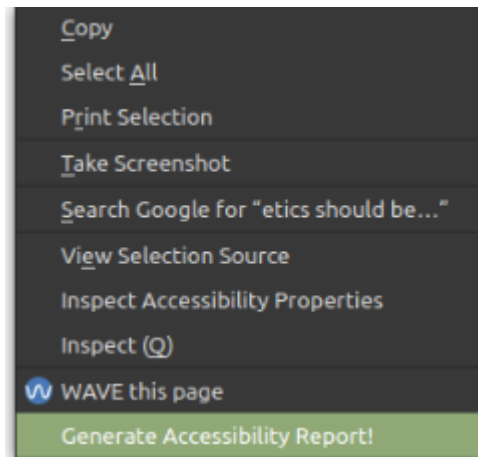


Figure 1: Menu select

1.1 Menu Interaction and Features

I decided to follow the WAVE extensions lead when thinking about how users would interact with the system. Much like the WAVE tool, my tool creates a new menu item when you right click in the browser. Once the menu item is clicked, a new tab is opened to the report page. A report is then generated with the URL from the tab of which the menu item was clicked.

Accessibility Report for https://google.com/		
Reported Errors		
#	Description	Type
1	Document language missing	Error
2	Spacer image missing alternative text	Error
3	Empty link	Error
4	Missing form label	Error
5	Missing first level heading	Alert
6	Redundant title text	Alert
7	Unlabeled form element with title	Alert
8	Suspicious link text	Alert
9	Skipped heading level	Alert
10	Very Low Contrast	Contrast
11	Layout table	Structure
12	Ordered list	Structure
13	Heading level 2	Structure
14	Inline Frame	Structure
15	ARIA	ARIA

Figure 2: Report page

My main goal for R1 was to have a concrete, accessible design in place. When designing the style of the report, I made with a couple of things in mind.

1. High contrast: In doing research for requirements I found that having a high contrast between a background and key information is important for visibility. Especially for individuals who may have some form of visual impairment.
2. Large text for key sections: I decided to put large text in my headings to make sure that location of key information is evident. Additionally, I chose put them at the top of the web page for more clarity.

1.2 Page Interaction and Features

As of right now, the back-end calls to the WAVE API are simulated with WAVE data from google.com for the sake of simplicity. The data being used is real WAVE API data, located under the test_data folder.

The user has a choice to select between two reports. One "basic" and one "advanced". Figure 2 illustrates what a basic report would look like. As of right now, if a user clicks on "Advanced Report", another JSON file with the same data is loaded into the table with a blank row at the bottom to differentiate between the two reports for now. Ultimately, the advanced report will provide more detailed information on errors found by using the WAVE API.

The "Basic Report" button is currently not interactive as I tried put my focus towards the design instead.