## Links

Click here to view the code on Github
Click here to view the live website
Click here to view the demo video

## Part 1

"Better bookmarking" is a chrome extension-based productivity tool useful for everyday internet users who consume a lot of content on the web. It has been noticed that content overload has become a major problem for many these days. With so many videos, links, articles, and papers being shared with us daily, it becomes difficult to keep track of these links in a single system. When the time comes where you need the links the most, these elusive links are nowhere to be found! Better bookmarking is the solution to this problem. It allows users to store links into categories and also enter the context (who recommended the link) as well as any other notes regarding it via a simple chrome extension. When you want to retrieve your links, you can do so via a website experience where all these links are displayed in their chosen categories, along with the other information entered. Overall, what sets this tool apart from others is its minimal UI, intuitive user flow, and ease of use.

## Part 2

*Note: If this tool were to be distributed for public use, it would require a full-fledged backend to function. For this assignment, I have used a hard-coded data file and am reading data from it using the fetch API.*

**Part A) Website**

1) Visit https://better-bookmarking.netlify.app/

*– selecting the categories –-*

2) Click on any of the pills to select a category that you would like to create in your link database
3) If you have a category that doesn't exist in the list:
    a) Click on the "+ Add New" pill
    b) Enter your category title in the input box
    c) Click on "Add"
    d) The category will be added to the list.
    e) Click on the newly added category to select it
4) Click on the "Next button"

*– choosing a link category bucket –*

5) Click on the box which represents the category you want to look up your link from

*– selecting a link –*

6) Click on any of the links from the table to visit the link in a new tab

*– searching for a link –*

7) Enter search query inside the search input box
8) Click on the search button

**Part B) Extension**

*– adding the extension to your chrome –*
1) Clone project code from https://github.com/anushree-a/better-bookmarking
2) Go to chrome://extensions/ on Chrome
3) Click on “Load Unpacked” on the top right
4) Add the project code that you just cloned
5) Click on the icon of the extension on the top-right corner in the chrome extensions area to open it

*– adding a link to the database –*
6) Enter the link in the first field
7) Select the category the link falls in
8) Enter the name of the person who recommended the link
9) Enter related notes (if any)
10) Click on “Bookmark this link!”

## Part 3

i) The new concept that I’ve learned and used in this tool is that of a **chrome extension.**
ii) Before this project, I’d never tried building a chrome extension of my own. Fascinated by how simple and efficient these extensions can be, I decided to learn more about them and build one of my own in this project.
iii) The main functionality of this website is to add links to the link database to bookmark for later. This was done using a chrome extension. I learned how to create chrome extensions by following the starter tutorial published online by Google.
iv) If the link addition had to be done via a website, then the user would have to create a new tab, visit a website and enter the link into a form. This adds friction and would have caused users to avoid using this tool altogether. By implementing the link addition functionality with a chrome extension, the overall experience becomes much smoother, as the user can stay on the same page and add a link without a lot of steps.

## Part 4

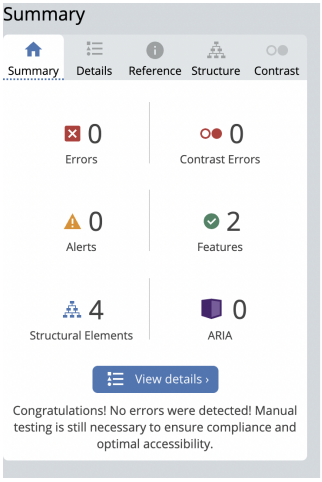
1. Although I did stick to a pastel color scheme, I changed the color palette to make it more uniform. Instead of using multiple colors, I am now using only 3 main colors throughout the tool.
2. I tweaked the experience for adding a new category on the landing page so as to make it more intuitive and visually appealing.
3. I altered the hover state colors throughout the project to make them more consistent everywhere.
4. I changed the placement of a few buttons since their old positions seemed to be a bit against the mental models of several users.

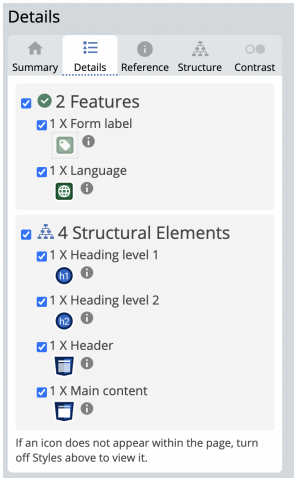
## Part 5

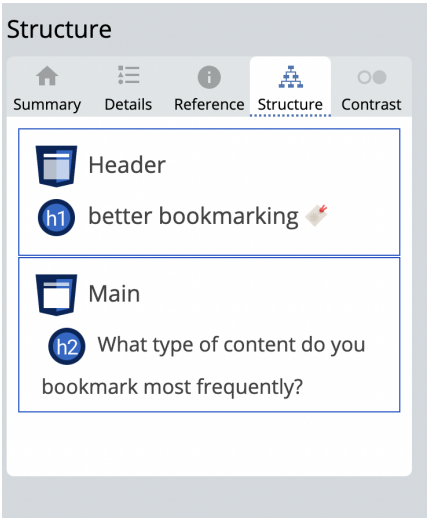
It was challenging to overcome a few of the accessibility issues that cropped up when I scanned my code on the WAVE site. Apart from this, I also initially planned to create my own backend for the site but was unable to do so due to time constraints. After attending office hours, learning how to use basic Flask with python, and tinkering around with it for a bit, I decided to focus my attention more on the design and frontend part of the project and avoid getting into the nitty-gritty of backend development at this stage. Although it is not implemented here, I did learn a bit of basic backend development in the process which was helpful!

# Accessibility

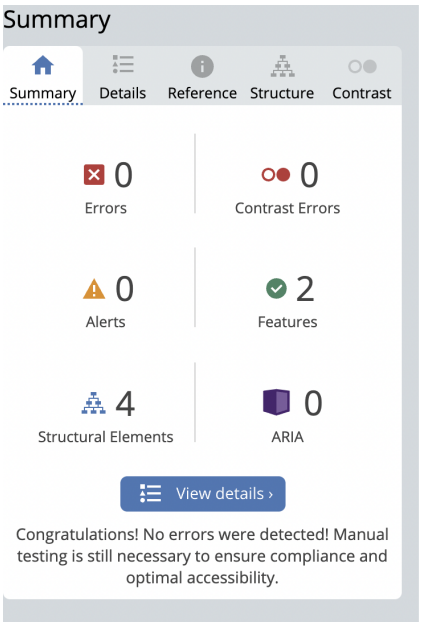
https://better-bookmarking.netlify.app/index.html

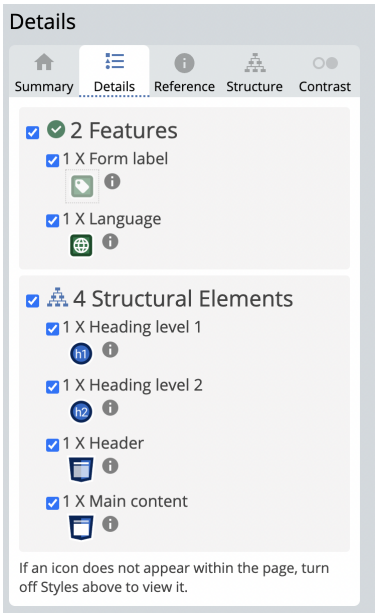


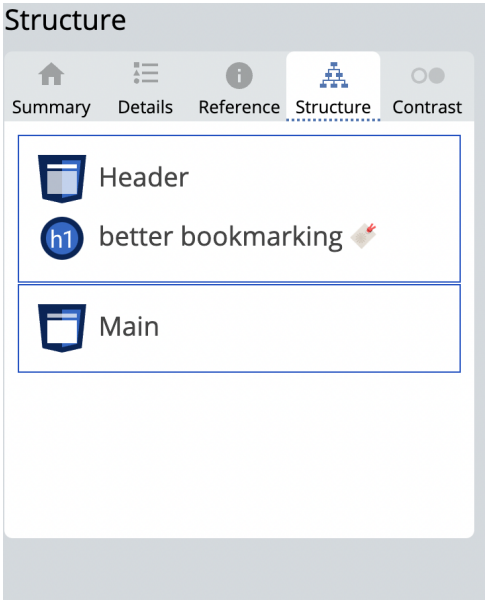




https://better-bookmarking.netlify.app/categories.html



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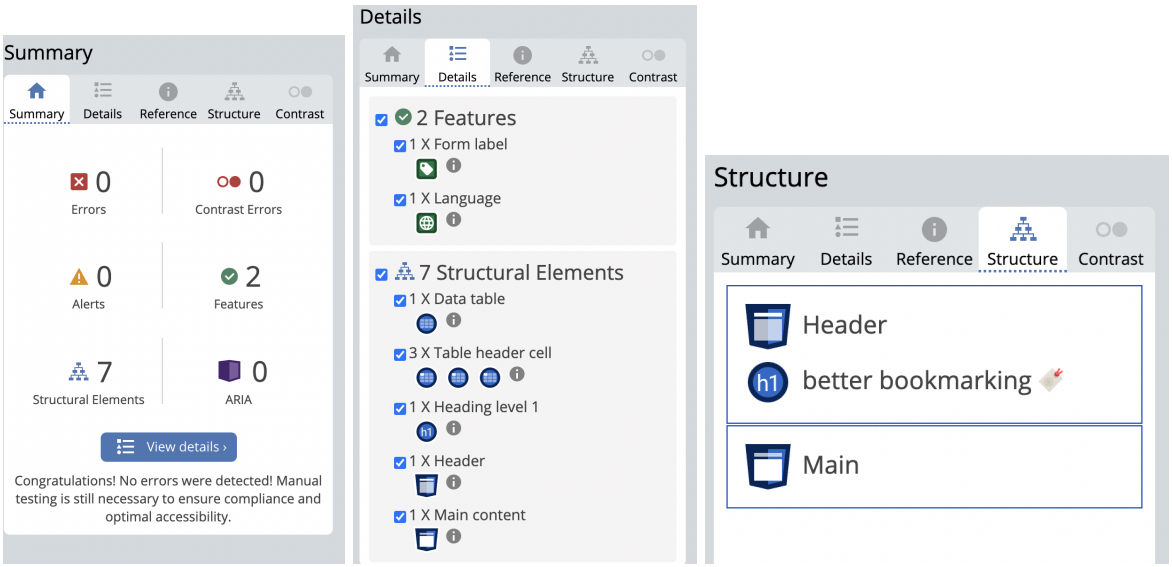


## Bonus

Click here to see the video of 3 tasks performed with help of the screen reader extension - https://www.youtube.com/watch?v=9o4_DjWYAwA&ab_channel=AnushreeAbhyankar