Initial problems with webpage diagnosed by WAVE:

* ‘Home’ and ‘Links’ images missing alternative text
* 5 missing form labels
* Low Contrast between text and background colors
* No heading structure
* No page Regions
* Redundant links
* Positive Tabindex value

Problems:

1. Headings
   1. Description: No Headings are Present in the HTML
   2. Estimated Severity: Very, without headings it can be difficult for accessibility tools to cleanly move through the file
   3. How to Fix: Made the banner the main header and the “links” and “sign-up” div secondary headers

Text

Description automatically generated

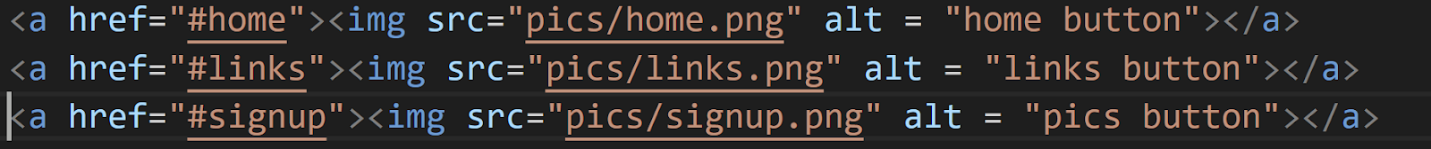
Text

Description automatically generated

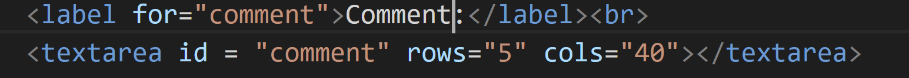
Graphical user interface, text

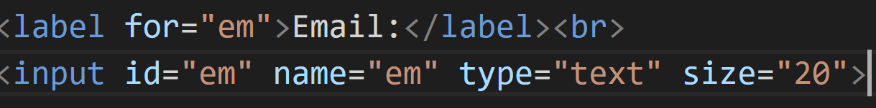
Description automatically generated

1. Detected by Automatic Evaluator: Yes
2. Alternative Text for Images
   1. Description: “Pics” “Home” and “Links” Button lack Alternative Text
   2. Estimated Severity: Mild. Without the text, the Website is still navigable, if somewhat awkward.
   3. How to Fix: Add the “alt” tag to each of the image with the relavent information written in



1. Detected by Automatic Evaluator: Yes
2. Form Labels
   1. Description: Each form entry under “Sign Up!” lack a form label
   2. Estimated Severity: Very, a user with sight impairment would have a difficult time using the Sign up function of the website, which is very important in the use of the website
   3. How to Fix: Add labels to each of the forms, replacing any old, non-label text

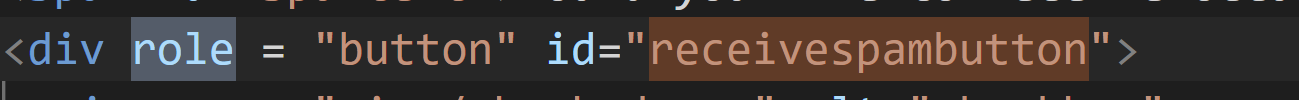


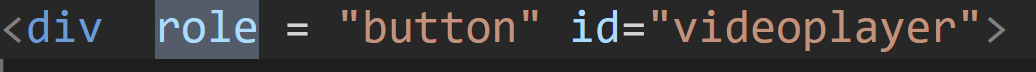


Text

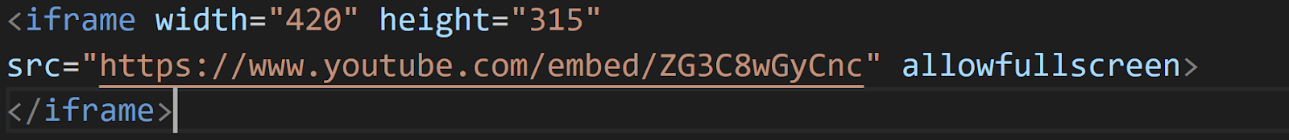
Description automatically generated

1. Detected by Automatic Evaluator: Yes
2. Form Widgets Without Semantics
   1. Description: The spam sign-up box and the videoplayer are both simply listed as divs, without the proper context behind them
   2. Estimated Severity: Mild, the lack of clearly defined role could introduce confusion for screen readers.
   3. How to Fix: Add a role to both of the buttons, marking them.





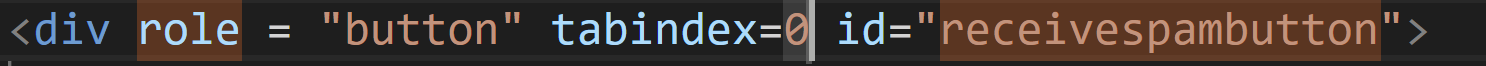
1. Detected by Automatic Evaluator:
2. Video Captions
   1. Description: Video lacks video captioning
   2. Estimated Severity: Severe, for those with hearing impairment, the video is totally inaccessible.
   3. How to Fix: Upload video to youtube, generate captions, then embed video into the website



1. Detected by Automatic Evaluator: No
2. Audio Descriptions
   1. Description: Embedded video does not contain audio description of the graph which is shown
   2. Estimated Severity: Somewhat, while the video can still be understood without the graph, important context is lost to the listener
   3. How to Fix: Add an additional couple seconds to the beginning of the video and add a tts track giving an audio description
   4. Detected by Automatic Evaluator: No
3. Tab Order & Visible Focus
   1. Description: The video is marked with “tabindex =5” which messes up the flow of the website,  the checkmark and play buttons are not being properly tabbed through. Additionally, the top row is non-accessible as they are not being outlined
   2. Estimated Severity: Severe, the user cannot properly tab index through the website
   3. How to Fix: Remove the tabindex marking on the video, add tabindex to the checkmark div, change outline color to black for navigation.

Graphical user interface, application

Description automatically generated



1. Detected by Automatic Evaluator: Yes
2. Color Contrast
   1. Description: All of the text for the links are low contrast, a light gray against a white background. The Sign up forms also initially had this issue but were fixed in replacing the markings with form labels.
   2. Estimated Severity: Somewhat, this makes traversal through the website difficult for those with either poor eyesight or poor color differentiation.
   3. How to Fix: Change the font color to be of greater contrast. In this case change the color of a in css to black

Graphical user interface, application

Description automatically generated

1. Detected by Automatic Evaluator: Yes
2. Keyboard Access
   1. Description: The checkmark box for spam is unable to be clicked outside of a mousepress
   2. Estimated Severity: Severe, this totally locks some users out of this button’s functionality.
   3. How to Fix: Add javascript function checking keydown instead of just keypress

Text

Description automatically generated

1. Detected by Automatic Evaluator: No
2. Information Conveyed only Via Color
   1. Description: In case of sign-up failure due to a lack of name provided, the only indication of the error is changing the color of the “Name” text
   2. Estimated Severity: Severe, this error can potentially affect a wide variety of users— anyone who is unable to differentiate colors, or otherwise has other visual impairments will be unable to tell the cause of their error sign-up
   3. How to Fix: Create a pop-up message explaining that a form needs to be filled in.

A screenshot of a computer

Description automatically generated with medium confidence

1. Detected by Automatic Evaluator: No

**MISC ADDITIONAL ISSUES:**

1. Invalid Link
   1. Description: Link did not have any corresponding text, making it an empty link
   2. Estimated Severity: severe, An empty link means that the feature is accessible to no user.
   3. How to Fix: Add a link



1. Detected by Automatic Evaluator: Yes
2. Language Indicator
   1. Description: There is no language indication at the beginning of the html document
   2. Estimated Severity: Mild
   3. How to Fix: add a language indication

A picture containing logo

Description automatically generated

1. Detected by Automatic Evaluator: Yes