Oluwatoni Oshikanlu

What was your experience after trying out a screen reader?

The screen reader was smoother than I had expected. It read out the section of the webpage which I currently was on which made it easier for me to know if I was still on a particular section of the page or whether I was on a tab and so on. Though the voice was pretty robotic it was smooth enough that it did not feel to clunkly and I was able to follow along. I even tried closing my eyes and using a screen reader in order to simulate how visually impaired individuals feel.

What did you learn?

I learned that it is important to develop your website in a manner that would allow the users of screen readers accurately navigate your webpage.

Try one site, *not your project site*, with a screen reader. What site was it?

Bcourses.berkeley.edu

How easy or hard was it to navigate?

It was fairly easy to navigate. I felt that the website had been adapted for screen readers.

Now, try *your own project site*, with a screen reader. What site was it?

Sage Mentorship Project Website(on a localhost for now)

How easy or hard was it to navigate?

It was pretty confusing.

Try one site, *not your project site*, with a screen reader(keyboard experience). What site was it?

facebook.com

How easy or hard was it to navigate?

It was fairly easy to navigate. I felt that the website had been adapted for screen readers.

Now, try *your own project site*, with a screen reader. What site was it? How easy or hard was it to navigate?

Sage Mentorship Project Website(on a localhost for now), It was pretty confusing.

Raj Giri

What was your experience after trying out a screen reader?

When I tried the screen reader I had good experience with the voice than I expected. The voice was at right tempo and I was able to understand everything that it was reading out of the screen. It read each section of the website helped me track down on what section of page i am currently. I felt that it was really helpful for people who are visually impaired.

What did you learn?

I learned that not only normal people uses the site you make, there will be disabled people too who will use your app at some point. So it is equally important to build a site that is compatible for all the people by adding accessibility options to your page.

Try one site, *not your project site*, with a screen reader. What site was it?

facebook.com

How easy or hard was it to navigate?

It was easy to navigate. The website has feature for screen readers.

Now, try *your own project site*, with a screen reader. What site was it?

Sage Mentorship Project Website(on a localhost for now)

How easy or hard was it to navigate?

It was pretty confusing.

Try one site, *not your project site*, with a screen reader(keyboard experience). What site was it?

google.com

How easy or hard was it to navigate?

It was easy to navigate. The website has feature for screen readers.

Now, try *your own project site*, with a screen reader. What site was it? How easy or hard was it to navigate?

Sage Mentorship Project Website(on a localhost for now), It was pretty confusing.

Kaushik Mishra

What was your experience after trying out a screen reader?

I have tried many screen readers before that lagged and broke but this screen recorder was very smooth. I liked the fact that it read everything on the website sequentially. I just wished the voice was a bit natural however, I the pace of the voice felt natural.

What did you learn?

I learned that universal accessibility is a very important and

Try one site, *not your project site*, with a screen reader. What site was it?

gmail.com

How easy or hard was it to navigate?

It was fairly easy to navigate.

Now, try *your own project site*, with a screen reader. What site was it?

Sage Mentorship Project Website(on a localhost for now)

How easy or hard was it to navigate?

- It was easy to navigate this page

Try one site, *not your project site*, with a screen reader(keyboard experience). What site was it?

- Facebook

How easy or hard was it to navigate?Now, try *your own project site*, with a screen reader. What site was it? How easy or hard was it to navigate?

- It was easy to navigate. The website has feature for screen readers.

Raymond Gyabeng

What was your experience after trying out a screen reader?

- It was quite unclear what to do initially and slow to navigate but reasonably easy enough to follow.

What did you learn?

- I realized how we actually build many systems and platforms without thinking of making it accessible to some group of people and felt the need to value more of that.

Try one site, *not your project site*, with a screen reader. What site was it?

- Wikipedia

How easy or hard was it to navigate?

- It was easy to follow and navigate this page

Now, try *your own project site*, with a screen reader. What site was it?

- Sage Mentorship Project Website

How easy or hard was it to navigate?

- It was really hard especially starting from the login page.

Try one site, *not your project site*, with a screen reader(keyboard experience). What site was it?

- Facebook

How easy or hard was it to navigate?

- It was quite hard as well when I tried to navigate without visualizing what I already knew about the platform other than that it was okay to navigate the page with the keyboard experience.

Now, try *your own project site*, with a screen reader. What site was it? How easy or hard was it to navigate?

- Sage Mentorship Project Website. It was still really hard to navigate our website. I think our login page with google authentication is still really hard and could have been build to become more accessible

Team Answers

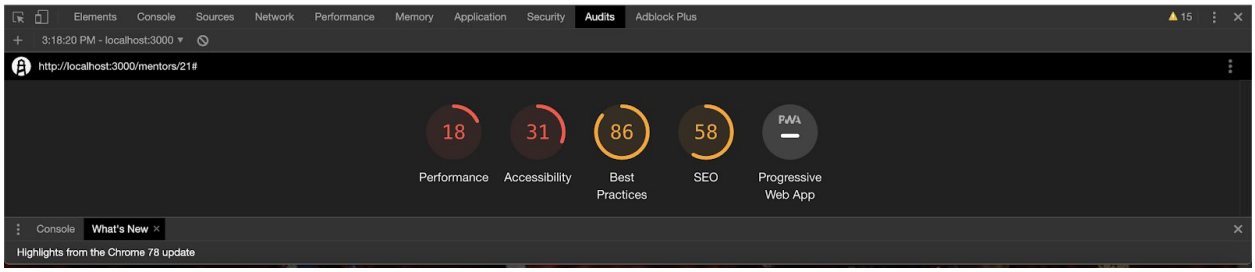
What did the accessibility tests from Audits tab in Chrome report? * Include the route in your report along with screenshots. What did the tests from Accessibility Insights "Fast Pass" report?

Audits Tab Issues:

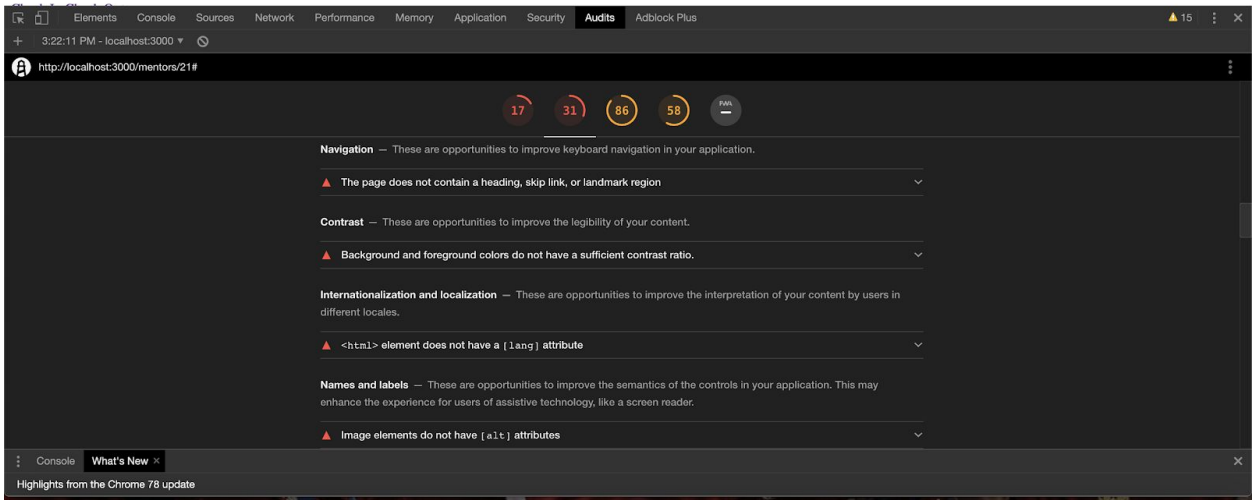
1. The page does not contain a heading, skip link, or landmark region
2. Background and foreground colors do not have a sufficient contrast ratio.
3. <html> element does not have a [lang] attribute
4. Image elements do not have [alt] attributes
5. Links do not have a discernible name

- Weeks Summary Check in & Check out
- Stephanie niu (Mentor)
  Sign in with Google
  Sign Out

Check In Check Out



- Weeks Summary Check in & Check out
- Stephanie niu (Mentor)
  Sign in with Google
  Sign Out



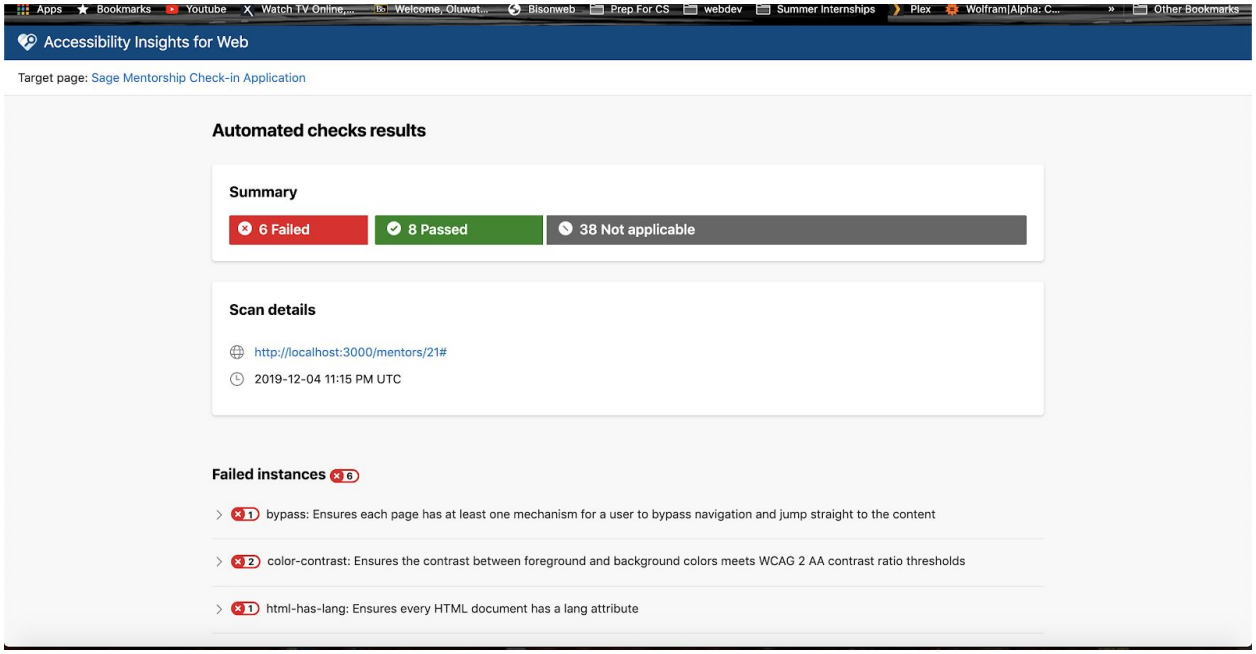
localhost:3000/mentors/21

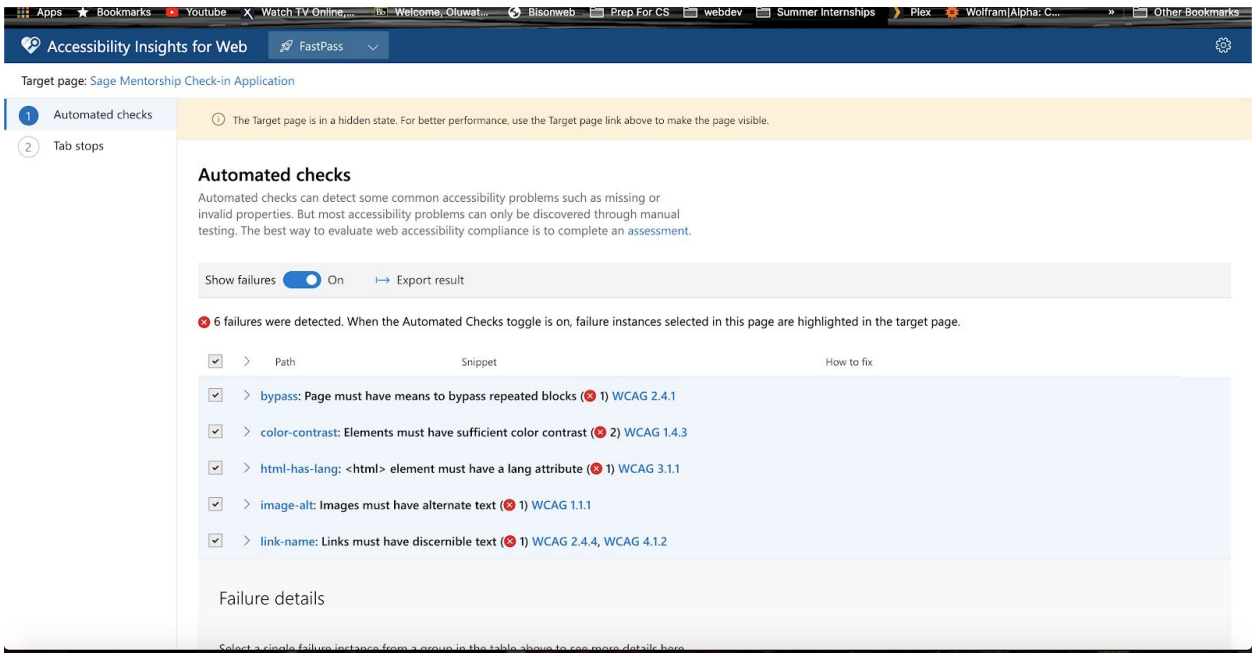
Accessibility Insights Report:

localhost:3000/mentors/21

1. bypass: Page must have means to bypass repeated blocks (1) WCAG 2.4.1
2. color-contrast: Elements must have sufficient color contrast (2) WCAG 1.4.3

3. html-has-lang: <html> element must have a lang attribute (1) WCAG 3.1.1
4. image-alt: Images must have alternate text (1) WCAG 1.1.1
5. link-name: Links must have discernible text (1) WCAG 2.4.4, WCAG 4.1.2



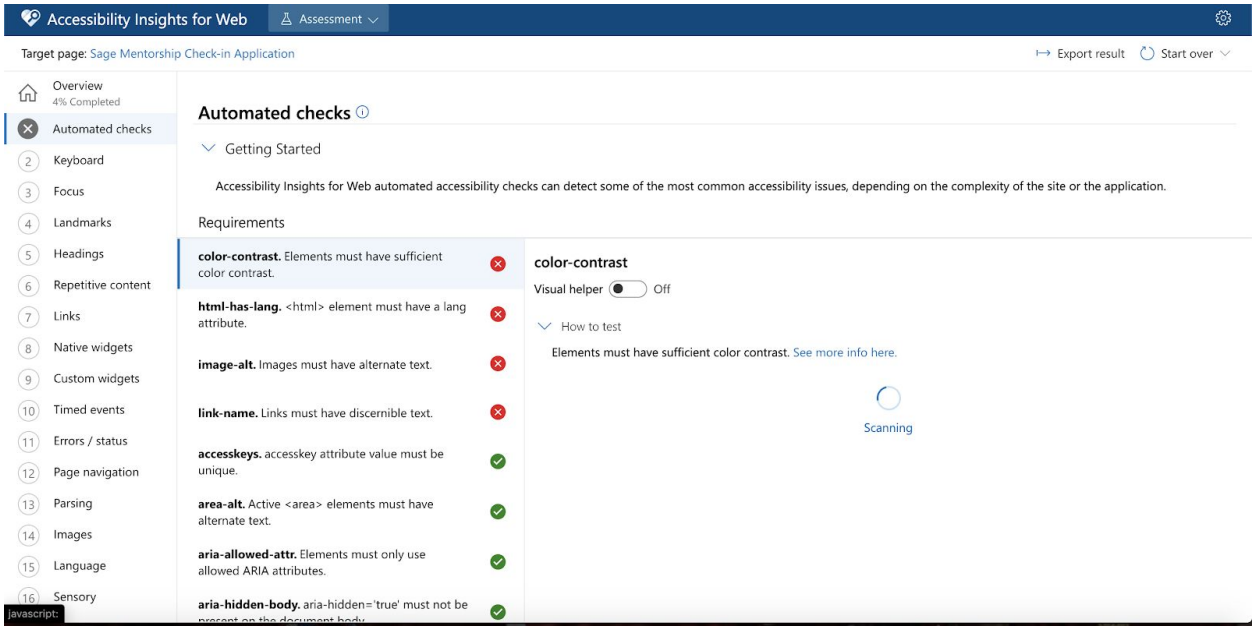


Run the more complex "Assessment" from Accessibility Insights. Run this on a different page, if possible. Ideally, the most complex page in your application. This will aid you in

manually assessing the compliance of your page. Were you surprised by these tests? Do you disagree with any of the results? Are there any errors that appear on multiple pages? What are they? How might you fix them?

1. No we weren't surprised
2. No we don't
3. No
4. N/A
5. N/A

http://localhost:3000/supers/10#

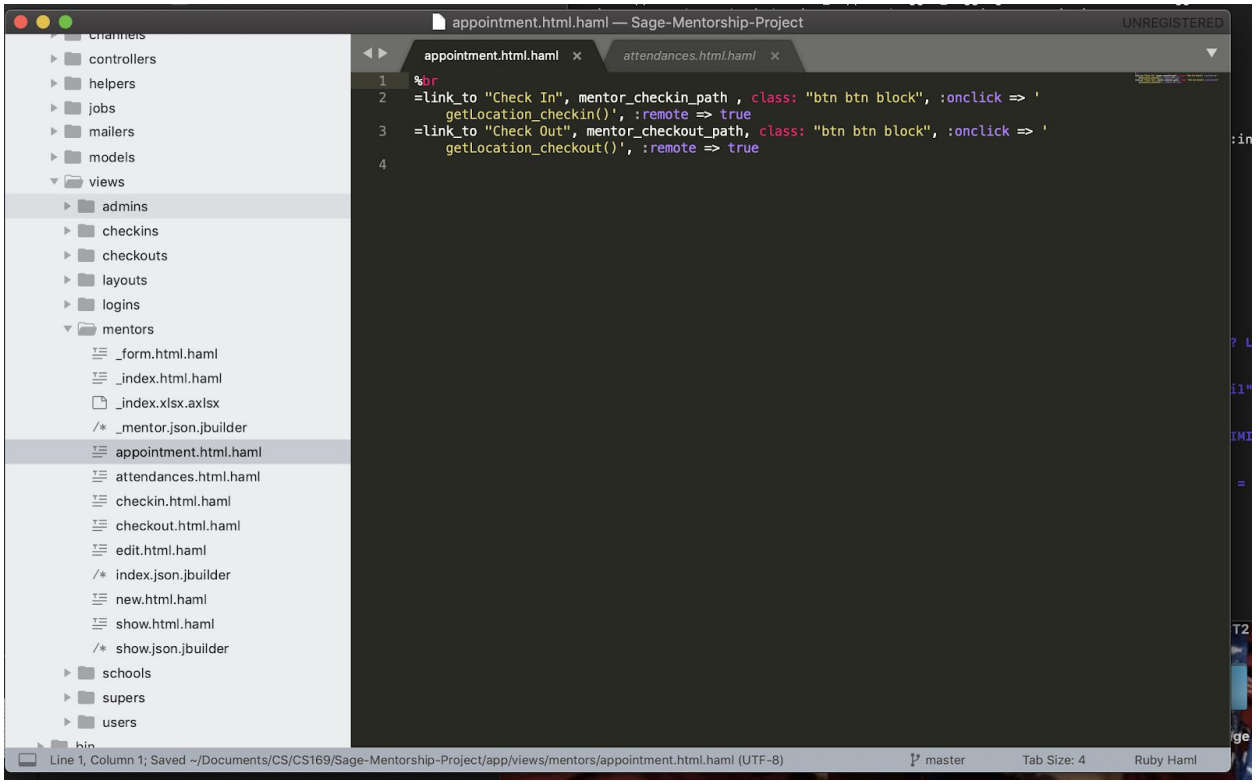


Pick 2 (non alt-text related) errors to address.

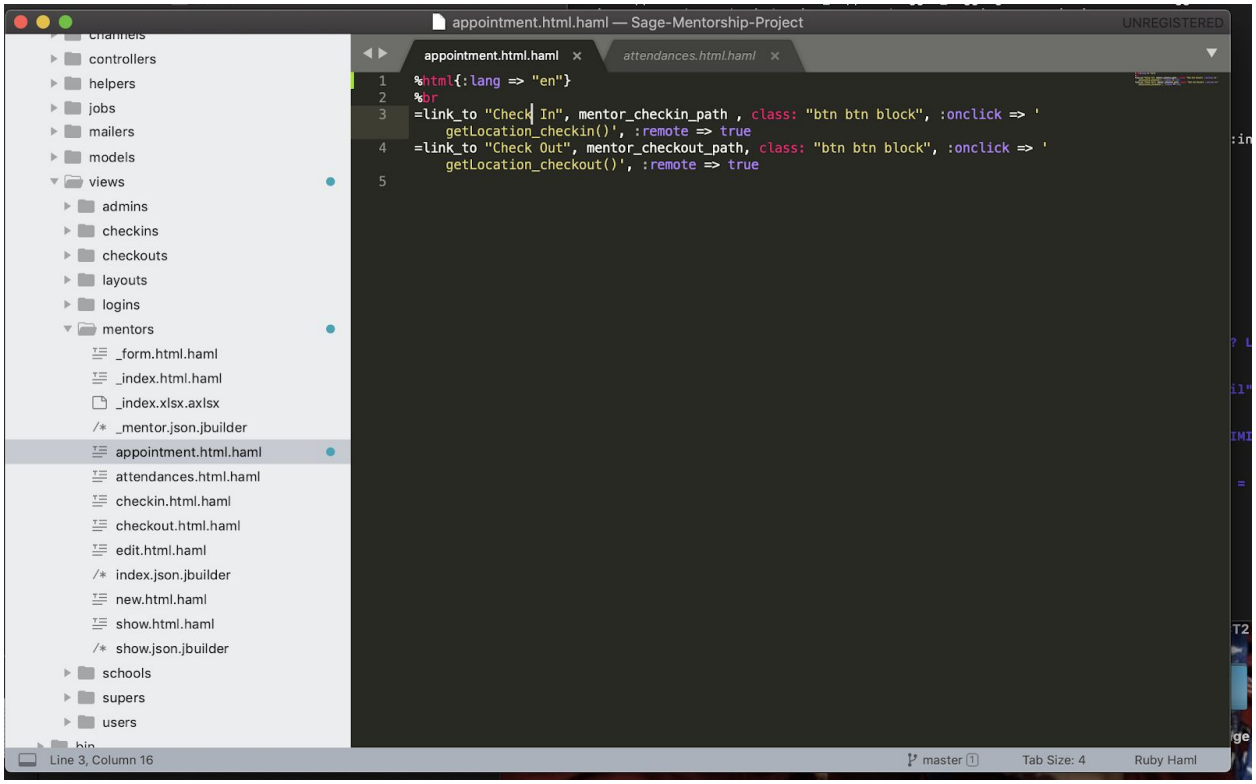
What was the error you are addressing? How did you address it? In your report, include a sample of before-and-after code.

I will address the 'html-has-lang: <html> element must have a lang attribute' error. I addressed it by adding the appropriate language html tag attribute and setting it to english.

Before:

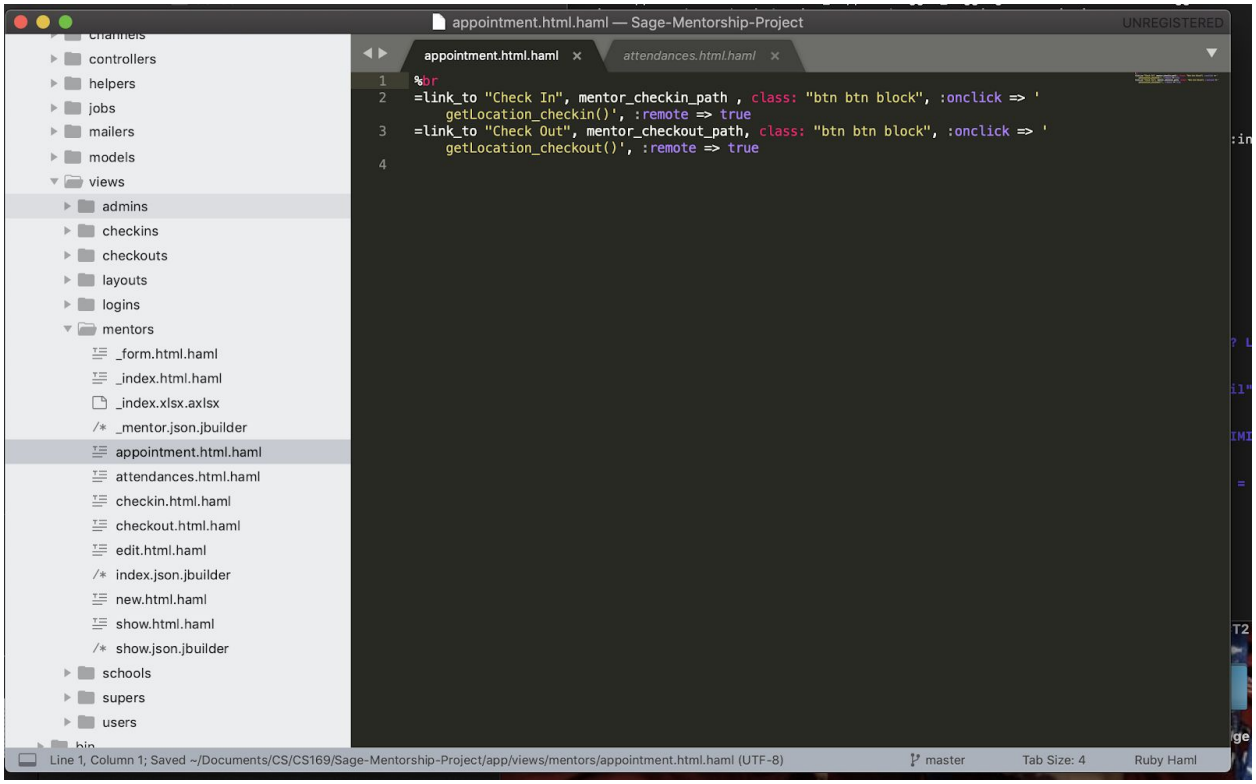

appointment.html.haml — Sage-Mentorship-Project
UNREGISTERED
appointment.html.haml
attendances.html.haml
%br
=link_to "Check In", mentor_checkin_path , class: "btn btn block", :onclick => '
getLocation_checkin()', :remote => true
=link_to "Check Out", mentor_checkout_path, class: "btn btn block", :onclick => '
getLocation_checkout()', :remote => true
controllers
helpers
jobs
mailers
models
views
admins
checkins
checkouts
layouts
logins
mentors
_form.html.haml
_index.html.haml
_index.xlsx.axlsx
_mentor.json.jbuilder
appointment.html.haml
attendances.html.haml
checkin.html.haml
checkout.html.haml
edit.html.haml
index.json.jbuilder
new.html.haml
show.html.haml
show.json.jbuilder
schools
supers
users
Line 1, Column 1; Saved ~/Documents/CS/CS169/Sage-Mentorship-Project/app/views/mentors/appointment.html.haml (UTF-8)
master
Tab Size: 4
Ruby Haml

After:


appointment.html.haml — Sage-Mentorship-Project
UNREGISTERED
appointment.html.haml
attendances.html.haml
%html{:lang => "en"}
%br
=link_to "Check In", mentor_checkin_path , class: "btn btn block", :onclick => '
getLocation_checkin()', :remote => true
=link_to "Check Out", mentor_checkout_path, class: "btn btn block", :onclick => '
getLocation_checkout()', :remote => true
controllers
helpers
jobs
mailers
models
views
admins
checkins
checkouts
layouts
logins
mentors
_form.html.haml
_index.html.haml
_index.xlsx.axlsx
_mentor.json.jbuilder
appointment.html.haml
attendances.html.haml
checkin.html.haml
checkout.html.haml
edit.html.haml
index.json.jbuilder
new.html.haml
show.html.haml
show.json.jbuilder
schools
supers
users
Line 3, Column 16
master
Tab Size: 4
Ruby Haml

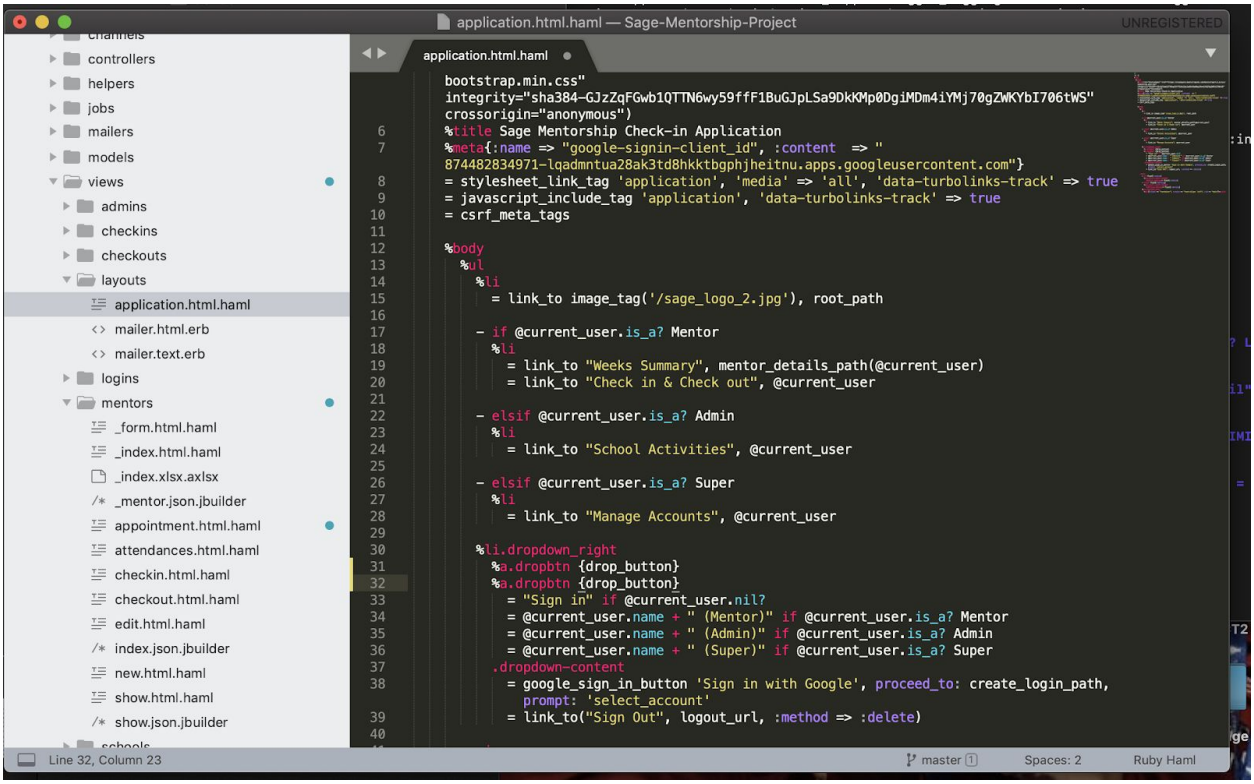
I will address the ‘link-name: Links must have discernible text’ error. I addressed it by adding link names where needed.

Before:



After:

BEFORE:



AFTER:

```
-#
!!! 5
%html
  %head
    %link(rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.2.1/css/
    bootstrap.min.css"
    integrity="sha384-GJzZqFGwb1QTTN6wy59ffF1BuGJpLSa9DkKMp0DgiMDm4iYMj70gZWKYbI706tWS"
    crossorigin="anonymous")
    %title Sage Mentorship Check-in Application
    %meta{:name => "google-signin-client_id", :content  => "
    874482834971-lqadmntua28ak3td8hkktbgphjheitnu.apps.googleusercontent.com"}
    = stylesheet_link_tag 'application', 'media' => 'all', 'data-turbolinks-track' => true
    = javascript_include_tag 'application', 'data-turbolinks-track' => true
    = csrf_meta_tags

    %body
      %ul
        %li
          = link_to image_tag('/sage_logo_2.jpg'), root_path, :name => "Sage Mentorship Image"

        - if @current_user.is_a? Mentor
          %li
            = link_to "Weeks Summary", mentor_details_path(@current_user), :name => "Weekly
              Summary tab"
            = link_to "Check in & Check out", @current_user, :name => "Check in and Checkout
              tab"

        - elsif @current_user.is_a? Admin
          %li
            = link_to "School Activities", @current_user, :name => "School Acrivities link"

        - elsif @current_user.is_a? Super
          %li
            = link_to "Manage Accounts", @current_user, :name => "Manage Accounts link"

        %li.dropdown_right
          %a.dropbtn
          %a.dropbtn
            = "Sign in" if @current_user.nil?
            = @current_user.name + " (Mentor)" if @current_user.is_a? Mentor
            = @current_user.name + " (Admin)" if @current_user.is_a? Admin
            = @current_user.name + " (Super)" if @current_user.is_a? Super
          .dropdown-content
            = google_sign_in_button 'Sign in with Google', proceed_to: create_login_path,
              prompt: 'select_account'
            = link_to("Sign Out", logout_url, :method => :delete),:name => "Sign out link"

      .main
        - if flash[:notice]
          %div.alert.alert-danger
            #notice.message= flash[:notice]
        - elsif flash[:warning]
          %div.alert.alert-danger
            #warning.message= flash[:warning]
        %div.yielded_area
          %div{:class => "container", :style => "text-align: left", :id => "main"}=yield
```