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Homework 8: Accessibility Testing

What was your experience after trying out a screen reader? What did you learn? Try one site, *not your project site*, with a screen reader. What site was it? 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?

Jeff Park: I felt like I'm not getting the equal amount of information as compared to my ordinary experience. However, I realized with careful considerations made by the developers in the process would provide enough information for me to use the service. I tried cnn.com. It was very hard at first with huge amount of information but not too bad as I get used to. Our site was hard to navigate as we were not considerate enough for accessibility.

Sabrina Suhair: The screen reader can be quite tricky and frustrating to use, especially for a first time user like myself. I tried accessing my gmail and browsing my email using the screen reader. I found it quite tiresome to have to keep clicking the commands to navigate through the page (ctrl + option + right arrow). I learned how to use the screen reader tool to go through my inbox and actually see the contents of an email. It took about 10 minutes for me to figure out what commands to use to view the emails in my inbox (opening the email I actually wanted to view was quite tricky but I found that you need to click the enter key rather than ctrl + option + space to view a specific email). For my team's own project site, I tried navigating through the My Projects page and the Project Information page (apps/:app_id). I also managed to send an App Edit Request using the screen reader. The main issue that I observed was that the checkboxes to filter the projects in the My Projects page did not mention what the checkboxes represent, the only thing that is voiced is "checked checkbox"/ "unchecked checkbox". Overall, I think the tool is very useful (especially for people with visual impairment) and not terribly difficult to use once you get the hang of it.

King Arthur Alagao: Using the voice-over was frustrating at first. It took me some time to learn the right keys to use when navigating a website. I learned that navigating websites with the help of voice-over is very useful, but at the same time, has a steep learning curve. I tried screen reader on the actual github page corresponding to this homework: <https://github.com/saasbook/hw-accessibility-audits>. It was pretty hard to navigate at

first. I got stuck on the github banner for about 5 minutes. I had to use my touchpad just to get out of it. I also tried the screen reader on my team's application: <https://esaas-demo.herokuapp.com/>. Navigating was easier, because by the time that I accessed it I already knew what keys to press.

Anthony Shao: Using the screen reader to navigate through web pages was really difficult at first. I tried using the voice-over on bCourses, and as I was navigating through the site, I had to google search commands for how to move from one place to another and access different elements in each view. For our app, I used voice-over on myprojects index page. The first issue I found is the checkboxes for app status. When selecting a specific status, the description of the status aren't voiced. Also, in the description column of the app table, although the descriptions are voiced, because there is an empty line between app's description and student team information, the voice over will only read the text but not tell what it's reading is the team information.

Peter Generao: Using the screen reader to browse through the web pages was pretty hard to use at first; however, there are a lot of different commands that a user may not know about when they are first using the tool. Like King said, there is a pretty steep learning curve towards using these kinds of tools, and I have gotten stuck on pages more than once. I tried using Wikipedia at first, and it was kind of hard for me to just get it to do what I wanted it to do. I noticed that the ability to select certain parts of a page and highlighting them was very useful, and prevented me from getting lost (even without the voice-over portion). On ESaaS Engagements (i.e. our project site), it was also difficult to navigate; however, it was definitely easier since I had practice on Wikipedia. The search bar at the top also did not say anything for the navigation bar since it did not have a label, but we fixed that after adding our accessibility changes.

Alex Mutwiri: I did not know about the existence of such a program in my MacOS so it was a pleasant surprise to learn about how to use a screen reader to navigate a page. The screen reader even reads notifications that show up in the notification panel like slack messages. I learnt how to use a screen reader to navigate a page. This new skill will help me learn how to test websites for a11y against screen readers. I tried the screen reader VoiceOver on BCourses website. I was surprised that the website was seemingly optimized for access through a screen reader. However, some items on the page seemed to have been nested and the screen reader would end up saying something weird like "Close inside close" for a ` close ` nested in an anchor with title attribute = "close". However, I was surprised that the screen reader was able to detect that the notification bubble with 5 meant there were 5 unread notifications. It was not at all hard to navigate the site. I was able to pick-up the controls for the VoiceOver quickly and managed to navigate through a couple of links on Bcourses. Our

site was harder to navigate before fixing it but we made changes to make it more accessible.

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

/ (root) : Chrome Audits - 92 / MS Insights - contrast is not sufficient, and there exists

tab stops

The screenshot displays a web application interface for managing apps, alongside a Chrome DevTools Accessibility audit panel.

Web Application Interface:

- Listing Apps:** A section with a "New App" button and a "Click an App name to see more information" instruction.
- Deployment Status:** A list of filters including Dead (7), Development (10), In use (14), In use and wants improvement (9), Inactive but wants improvement (7), and Pending (9).
- Vetting Status:** A list of filters including Vetting pending (6), On hold (13), Staff approved (9), Customer informed (10), Customer confirmation received (8), Declined by staff (8), Declined by customer (7), Declined by customer available next semi (11), and Back up (12).
- Apps per page:** A dropdown menu showing 10, 50, 100, and All.
- Navigation:** Buttons for First, Previous, Page 1, Next, and Last.
- App List:** A table with columns Name, Organization, and Description. It lists six apps: AFX Dance, Alz About Me, AMASS Media, Annotorious, and ArcticVoice.

Chrome DevTools Accessibility Audit Panel:

- Score:** 92 (indicated by a green circle).
- Section: Accessibility**
 - Contrast:** These checks highlight opportunities to improve the accessibility of your web app. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.
 - Background and foreground colors do not have a sufficient contrast ratio.**
 - Internationalization and localization:** These are opportunities to improve the interpretation of your content by users in different locales.
 - <html> element does not have a [lang] attribute**
 - Additional items to manually check (11):** These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.
 - Passed audits (13)**
 - Not applicable (20)**
- Runtime Settings:**
 - URL:** https://esaas-demo.herokuapp.com/
 - Fetch time:** Dec 4, 2018, 10:12 PM PST
 - Device:** Emulated Desktop
 - Network throttling:** Provided by environment
 - CPU throttling:** Provided by environment
 - User agent (host):** Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/79.0.3904.108 Safari/537.36
 - User agent (network):** Mozilla/5.0 (Macintosh; Intel Mac OS X 10_13_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Safari/537.36 Chrome-Lighthouse
- CPU/Memory Power:** 1092
- Generated by:** Lighthouse 5.2.0 | File an issue

Automated checks - Accessibility

Accessibility Insights for Web | chrome-extension://pbijklgggfmakdaogkfomddhfmjjeni/DetailsView/detailsView.html?tabId=403

Accessibility Insights for WebFastPass

Target page: ESaaS Customer Engagements

1Automated checks

2Tab stops

The Target page is in a hidden state. For better performance, use the Target page link above to make the page visible.

Automated checks

Automated checks can detect some common accessibility problems such as missing or invalid properties. But most accessibility problems can only be discovered through manual testing. The best way to evaluate web accessibility compliance is to complete an [assessment](#).

Show failures

On

Export result

30 failures were detected. When the Automated Checks toggle is on, failure instances selected in this page are highlighted in the target page.

<input checked="" type="checkbox"/>	>	Path	Snippet	How to fix
<input checked="" type="checkbox"/>	>	color-contrast: Elements must have sufficient color contrast (29) WCAG 1.4.3		
<input checked="" type="checkbox"/>	>	html-has-lang: <html> element must have a lang attribute (1) WCAG 3.1.1		

Failure details

Select a single failure instance from a group in the table above to see more details here.

/ my_projects : Chrome Audits - Accessibility score: 79 /Microsoft Accessibility Insight - contrast is not sufficient, and form elements (search box) do not have associated labels

The screenshot shows a web application interface with a navigation bar at the top containing links like 'Apps', 'My Projects', 'App Edit Requests', 'Orgs', 'Users', 'Create', 'Help', 'Current iteration', and 'Logout @Sabrina1'. Below the navigation bar is a search bar and a filter section with tabs for 'Apps', 'Organizations', and 'Users'. The main content area is titled 'Listing Apps' and includes a 'New App' button. It displays a list of apps with columns for ID, Name, Organization, and Description. The first app listed is 'Language Exchange Program Algorithm' by 'Berkeley Language Exchange Program'. A Chrome DevTools Accessibility audit overlay is visible on the right side of the browser window, showing an overall score of 79. The audit highlights several issues, including 'Background and foreground colors do not have a sufficient contrast ratio', '<html> element does not have a [lang] attribute', and 'Form elements do not have associated labels'.

ID	Name	Organization	Description
84	Language Exchange Program Algorithm	Berkeley Language Exchange Program	Pairing website to match students by language 90 (S15-26): Robyn Zhang, Shana Hu, Seungwoo Choi, Tsion Behalu, Iris Wang, Jason Jia 239 (S15-26): Robyn Zhang, Shana Hu, Seungwoo Choi, Tsion Behalu, Iris Wang, Jason Jia 388 (S15-26): Robyn Zhang, Shana Hu, Seungwoo Choi, Tsion Behalu, Iris Wang, Jason Jia
15	BirdGo	BirdGo	An app that visualizes the professional data of birds on map and

The screenshot shows the Microsoft Accessibility Insights for Web tool interface. The target page is 'ESaaS Customer Engagements'. The tool displays a list of automated checks that have failed. The first check is 'color-contrast: Elements must have sufficient color contrast (19) WCAG 1.4.3'. The second check is 'html-has-lang: <html> element must have a lang attribute (1) WCAG 3.1.1'. The third check is 'label: Form elements must have labels (1) WCAG 1.3.1, WCAG 3.3.2'. The tool also provides a 'Show failures' toggle and an 'Export result' button. A 'Failure details' section is visible at the bottom, indicating that a single failure instance can be selected from the table above to see more details.

Automated checks

Automated checks can detect some common accessibility problems such as missing or invalid properties. But most accessibility problems can only be discovered through manual testing. The best way to evaluate web accessibility compliance is to complete an [assessment](#).

Show failures: ☒ On [Export result](#)

21 failures were detected. When the Automated Checks toggle is on, failure instances selected in this page are highlighted in the target page.

Path	Snippet	How to fix
> color-contrast: Elements must have sufficient color contrast (19) WCAG 1.4.3		
> html-has-lang: <html> element must have a lang attribute (1) WCAG 3.1.1		
> label: Form elements must have labels (1) WCAG 1.3.1, WCAG 3.3.2		

Failure details

Select a single failure instance from a group in the table above to see more details here.

/users : Chrome Audits - Accessibility score: 79 /Microsoft Accessibility Insight - contrast is not sufficient, and form elements (search box) do not have associated labels

The image shows a web application interface for managing users and a Chrome DevTools Accessibility audit panel.

Web Application Interface:

- Navigation: Apps, My Projects, App Edit Requests, Orgs, Users, Create, Help.
- Current iteration: Logout @Kialagao.
- Search bar: Search (with a red border), Apps, Organizations, Users.
- Section: Users (with a "New User" button).
- Text: Click a User name to see more information.
- Filters: Users per page (10, 50, 100, All), First, Previous, Page 1, Next, Last.
- Table of Users:

Name	Email	GitHub username	Type	SID
Ailed Paningbatan	apaningbatan@bhnc.org			Edit
Alex	mutex@berkeley.edu	bdzr	Coach	Edit
Alexander Chen	alexanderchen@berkeley.edu	alexanderchen	Student	Edit
Alexander Chen	Menuize_unknown@email.com			Edit
Allyson E. Cote	allysoncote@maternova.net	allysoncote	Student	Edit
Amanda Elliott	aelliott@richmondmainstreet.org	aelliott	Student	Edit
Amass Media	contact@amassmedia.org	contact	Student	Edit
Amber Hasselbring	amber@natureinthecity.org	amber	Student	Edit

Chrome DevTools Accessibility Audit Panel:

- Score: 79.
- Section: Accessibility.
- Text: These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.
- Section: Contrast — These are opportunities to improve the legibility of your content.
- Issue: Background and foreground colors do not have a sufficient contrast ratio.
- Section: Internationalization and localization — These are opportunities to improve the interpretation of your content by users in different locales.
- Issue: <html> element does not have a [lang] attribute.
- Section: Names and labels — These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.
- Issue: Form elements do not have associated labels.
- Section: Additional items to manually check (11) — These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).
- Section: Passed audits (12).

Accessibility Insights for Web Panel:

- Target page: ESaaS Customer Engagements.
- Section: Automated checks.
- Text: Automated checks can detect some common accessibility problems such as missing or invalid properties. But most accessibility problems can only be discovered through manual testing. The best way to evaluate web accessibility compliance is to complete an assessment.
- Toggle: Show failures (On) | Export result.
- Text: 3 failures were detected. When the Automated Checks toggle is on, failure instances selected in this page are highlighted in the target page.
- Table of Failures:

Path	Snippet	How to fix
> color-contrast: Elements must have sufficient color contrast (1) WCAG 1.4.3		
> html-has-lang: <html> element must have a lang attribute (1) WCAG 3.1.1		
> label: Form elements must have labels (1) WCAG 1.3.1, WCAG 3.3.2		

/orgs: Chrome Audits - Accessibility score: 79 /Microsoft Accessibility Insight - contrast is not sufficient, and form elements (search box) do not have associated labels

The screenshot displays a web application interface for managing organizations and a Chrome DevTools Accessibility audit panel.

Organizations Table:

Name	Contact name & email	Description	Apps		
Active Voice	Jeff	Mobile Focus Group for ActiveVoice films		Edit	Des !
AFX Dance	Jeff	AFX Dance		Edit	Des !
Alexander Chen	Peter	Menuize		Edit	Des !
Alz About Me	King	Alz About Me		Edit	Des !
Amass Media	Alex	AMASS Media		Edit	Des !
Arctic Institute	Sabrina	ArcticVoice		Edit	Des !
Bay Area Mountain	Jeff	Equipment Tracker, Location tracker, Photo Evidence Gallery, Rideshare		Edit	Des !

Chrome DevTools Accessibility Audit Panel:

- Score:** 79
- Section: Contrast**
 - Background and foreground colors do not have a sufficient contrast ratio.
- Section: Internationalization and localization**
 - <html> element does not have a [lang] attribute
- Section: Names and labels**
 - Form elements do not have associated labels
- Section: Additional items to manually check (11)**
 - These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).
- Passed audits (12)**

Microsoft Accessibility Insights for Web:

- Automated checks**
 - 14 failures were detected. When the Automated Checks toggle is on, failure instances selected in this page are highlighted in the target page.
 - Path: Snippet
 - How to fix
 - color-contrast: Elements must have sufficient color contrast (12) WCAG 1.4.3
 - html-has-lang: <html> element must have a lang attribute (1) WCAG 3.1.1
 - label: Form elements must have labels (1) WCAG 1.3.1, WCAG 3.3.2

/creation: Chrome Audits - Accessibility score: 78 /Microsoft Accessibility Insight - contrast is not sufficient, and form elements (search box) do not have associated labels

AppsMy ProjectsApp Edit RequestsOrgsUsersCreateHelp

Current iterationLogout @Kialagao

Search Apps Organizations Users

Create New User, Org, and App

Staff can create a new user, org, and app at the same time. The newly created user belongs to the newly created org and owns the newly created app.

User Information

Org Information

App Information

User Name

Email

Preferred Contact

Github Uid

User TypeStudent

SID

Organization Name

Address Line 1

Address Line 2

City State Zip

Phone

Organization Description

App Name

App DescriptionParagraphB

Document List

Automated checks

Automated checks can detect some common accessibility problems such as missing or invalid properties. But most accessibility problems can only be discovered through manual testing. The best way to evaluate web accessibility compliance is to complete an assessment.

Show failuresOnExport result

✖ 6 failures were detected. When the Automated Checks toggle is on, failure instances selected in this page are highlighted in the target page.

✓	>	Path	Snippet	How to fix
✓	▼	aria-required-children: Certain ARIA roles must contain particular children (❌ 2) WCAG 1.3.1		
✓		.form-group:nth-child(6) > .sel...	<span class="select2-selection select2-selecti...	Fix any of the following: Required ARIA child role not present: t...
✓		span[aria-labelledby="select2-...	<span class="select2-selection select2-selecti...	Fix any of the following: Required ARIA child role not present: t...
✓	▼	color-contrast: Elements must have sufficient color contrast (❌ 1) WCAG 1.4.3		
✓		.btn-success	<input type="submit" name="commit" value="Subm...	Fix any of the following: Element has insufficient color contrast ...
✓	▼	html-has-lang: <html> element must have a lang attribute (❌ 1) WCAG 3.1.1		
✓		html	<html>	Fix any of the following: The <html> element does not have a l...
✓	▼	label: Form elements must have labels (❌ 2) WCAG 1.3.1, WCAG 3.3.2		
✓		#keyword	<input type="text" name="keyword" id="keyword"...	Fix any of the following: aria-label attribute does not exist or is ...
✓		.select2-search_field	<input class="select2-search_field" type="sea...	Fix any of the following: aria-label attribute does not exist or is ...

/appeditrequest: Chrome Audits - Accessibility score: 85 /Microsoft Accessibility Insight - Form elements (search box) do not have associated labels and missing attr.

AppsMy ProjectsApp Edit RequestsOrgsUsersCreateHelp

Current iterationLogout @Kialagao

Search Apps Organizations Users

There are no App Edit Requests pending approval

Show requests with status:

☒ submitted

☒ reviewed

☒ resubmitted

Filter Requests

App Name	Organization	Submitted By	Submission Date	Request Status
----------	--------------	--------------	-----------------	----------------

3:30:52 PM - esaas-demo.hen

https://esaas-demo.herokuapp.com/my_approval_requests?status%5Bresubmitted_status%5D=1&status%5Breviewed_status%5D=1&status%5Bsubmitted...

85

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

Internationalization and localization — These are opportunities to improve the interpretation of your content by users in different locales.

<html> element does not have a (lang) attribute

Names and labels — These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

Form elements do not have associated labels

Additional items to manually check (11) — These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

Passed audits (14)

Not applicable (19)

Automated checks

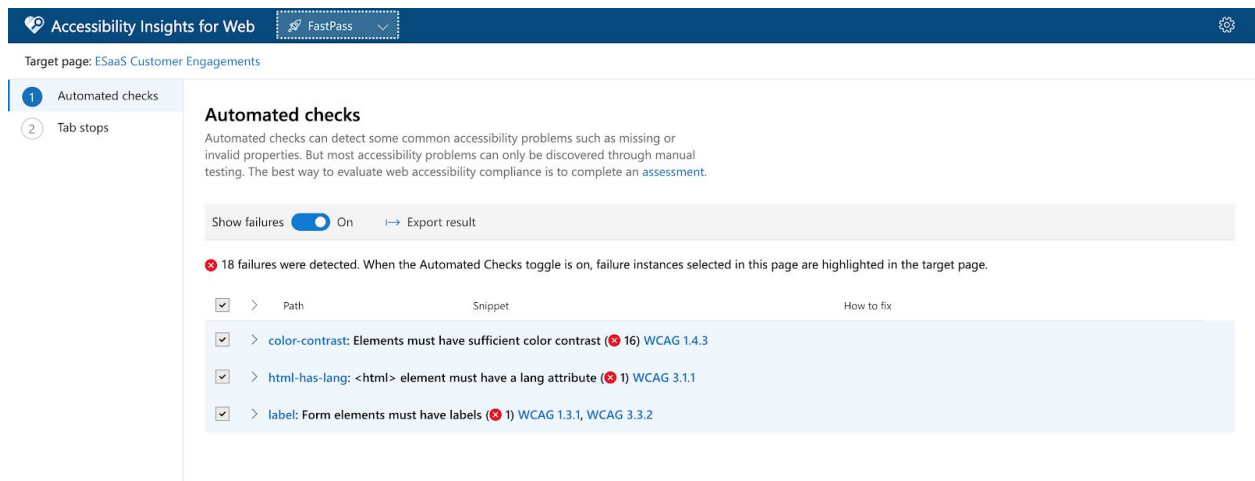
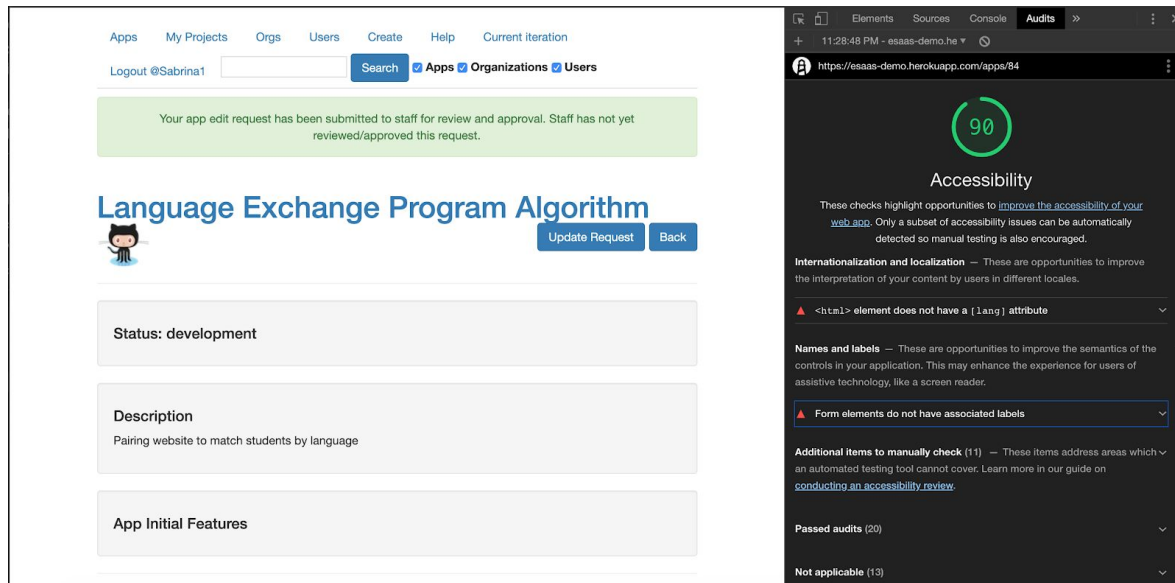
Automated checks can detect some common accessibility problems such as missing or invalid properties. But most accessibility problems can only be discovered through manual testing. The best way to evaluate web accessibility compliance is to complete an [assessment](#).

Show failures ☒ On Export result

2 failures were detected. When the Automated Checks toggle is on, failure instances selected in this page are highlighted in the target page.

<input checked="" type="checkbox"/>	>	Path	Snippet	How to fix
<input checked="" type="checkbox"/>	>	html-has-lang: <html> element must have a lang attribute (1) WCAG 3.1.1		
<input checked="" type="checkbox"/>		html	<html>	Fix any of the following: The <html> element does not have a l...
<input checked="" type="checkbox"/>	>	label: Form elements must have labels (1) WCAG 1.3.1, WCAG 3.3.2		
<input checked="" type="checkbox"/>		#keyword	<input type="text" name="keyword" id="keyword"...	Fix any of the following: aria-label attribute does not exist or is ...

/apps/:app_id: Chrome Audits - Accessibility score: 90 /Microsoft Accessibility Insight - Form elements (search box) do not have associated labels and missing [lang] attr.



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?

/engagements/23/iterations/2/edit

I was surprised by the "Repetitive content" tests. I agree with the result while I hadn't thought about it before the test. The tests were designed to check coherency between similar pages, and for a few pages we were not positioning the buttons at the same or relatively similar location. Indeed, I realized accessibility should be enforced across the pages not only on a single page. I would fix the issue by repositioning the common buttons at the same or relatively similar locations between pages.

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.

Error #1: html element missing a lang tag

Fix: We added a lang tag and assigned “en” to its attribute.

Before-and-After Code

▼ 2		<div><div></div><div></div><div></div><div></div><div></div></div>	app/views/layouts/application.html.haml		<div><input type="checkbox"/> Viewed</div>	...
...	...	@@ -1,5 +1,5 @@				
1	1	!!! 5				
2		- %html				
	2	+ %html{:lang => "en"}				
3	3	%head				
4	4	%title ESaaS Customer Engagements				
5	5	= stylesheet_link_tag 'application', media: 'all', 'data-turbolinks-track' => true				
⌕						

Error #2: A text field in one of our html files was missing a label tag

Fix: We added a label tag and assigned the id “keyword” to its attribute

Before-and-After Code

▼ 1	■■■■■	app/views/layouts/_nav_header.html.haml	📄
⌕		@@ -17,6 +17,7 @@	
17	17	%li= link_to "Logout @#{current_user.github_uid}", logout_path	
18	18	%li	
19	19	= form_tag search_path, :method => :post do	
20	+	= label_tag :keyword	
20	21	= text_field_tag "keyword", ""	
21	22	= submit_tag "Search", :class => "btn btn-primary"	
22	23	- %w(Apps Organizations Users).each do category	
⌕			

Error #3: The color contrast ratio on our application was low

Fix: Changed the background color of table rows and buttons.

Before-and-After Code

```
33 app/assets/stylesheets/site.scss
1 1 body { padding: 2ex; }
2 2
3 3 + a { color: #2b4988}
4 4 +
5 5 + .btn-success {background-color: #2d8809}
6 6 + .label-success {background-color: #2d8809}
7 7 + .btn-info {background-color: #298078}
8 8 + .label-info {background-color: #298078}
9 9 + .btn-danger {background-color: #d80044}
10 10 + .label-danger {background-color: #d80044}
11 11 +
12 12 .dead { background-color: #ffcccc; }
13 13 + .development { background-color: #b3e9ff; }
14 14 .in_use { }
15 15 .in_use_and_wants_improvement { background-color: #b3ffb3; }
16 16 .inactive_but_wants_improvement { background-color: #ffff99; }
17 17 .defunct { background-color: #ffcccc; }
18 18 + .pending { background-color: #ffd0a7; }
19 19
20 20 + .vetting_pending { background-color: #eecff5}
21 21 + .on_hold { background-color: #eecff5 }
22 22 + .staff_approved { background-color: #eecff5 }
23 23 + .customer_informed { background-color: #eecff5 }
24 24 + .customer_confirmation_received { background-color: #eecff5 }
25 25 + .declined_by_staff { background-color: #eecff5 }
26 26 + .declined_by_customer { background-color: #eecff5 }
27 27 + .declined_by_customer_available_next_sem { background-color: #eecff5 }
28 28 + .back_up { background-color: #eecff5 }
29 29
30 30 .contact_status { background-color: #e0f0ff; }
31 31 .app_functionality { background-color: #ffc99d; }
32 32 .general { background-color: #ffcccc; }
33 33 + .vetting { background-color: #ffb8f0; }
```

We were not able to get the axe-core dependency working on our project since rails was not able to recognize the node_modules directory (we tried adding it in many other ways), which made it impossible for us to use the axe-matchers. For that reason, we have not added the hookup tools; however, we did create unit/cucumber scenarios which *would* check our accessibility scores if axe worked.

We were able to manually increase our scores for many pages to 100 on the Chrome audits for our indexes, and above 80 for the other pages.

The following cucumber scenarios should be in features/accessibility.feature:

Feature: Accessibility for each page

Background: seed data and logged as coach

Given the following apps exist:

id	name	description	org_id
1	app1	test1	1

And the following orgs exist:

id	name	contact_id
1	org1	1

And the following users exist:

id	name	github_uid	email	user_type	developing_engagement_id
1	user1	esaas_developer	test@user.com	coach	1

And the following App Edit Requests exist:

id	description
1	app1

And the following iterations exist:

id	engagement_id	end_date
1	1	2017-04-14

And I am logged in

Scenario: App page

When I follow "Apps"

Then the page should be accessible

When I follow "New App"

Then the page should be accessible

Given I press "Back"

When I follow "Edit"
Then the page should be accessible
And I press "Update App"
When I follow "app1"
Then the page should be accessible
When I press "New Engagement"
Then the page should be accessible
And I press "Back"
And I press "Request Feedback"
Then the page should be accessible
When I press "Create Iteration"
Then the page should be accessible
When I press "Edit"
Then the page should be accessible

Scenario: Project page

When I follow "My Projects"
Then the page should be accessible
When I follow "Request Change"
Then the page should be accessible

Scenario: App Edit Requests page

When I follow "App Edit Requests"
Then the page should be accessible
When I follow "View Request"
Then the page should be accessible

Scenario: Orgs page

When I follow "Orgs"
Then the page should be accessible
When I follow "org1"
Then the page should be accessible
When I follow "Edit Org"
Then the page should be accessible

Scenario: Users page

When I follow "Users"
Then the page should be accessible
When I follow "user1"
Then the page should be accessible
When I follow "Edit User"
Then the page should be accessible

Scenario: Create page

When I follow "Create"

Then the page should be accessible

Scenario: Current Iteration page

When I follow "Current iteration"

Then the page should be accessible

Scenario: Login page

When I follow "Logout"

Then the page should be accessible