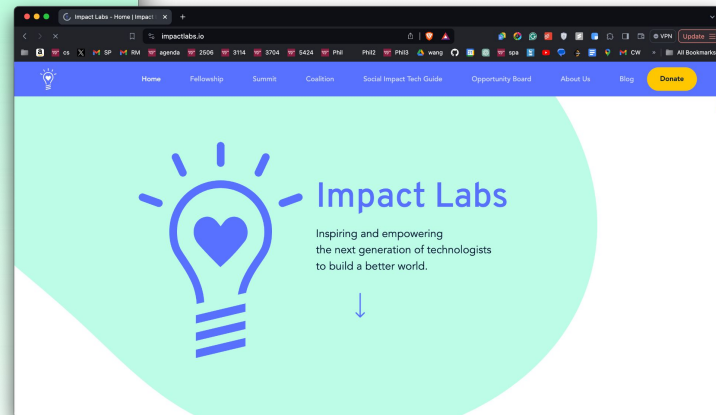
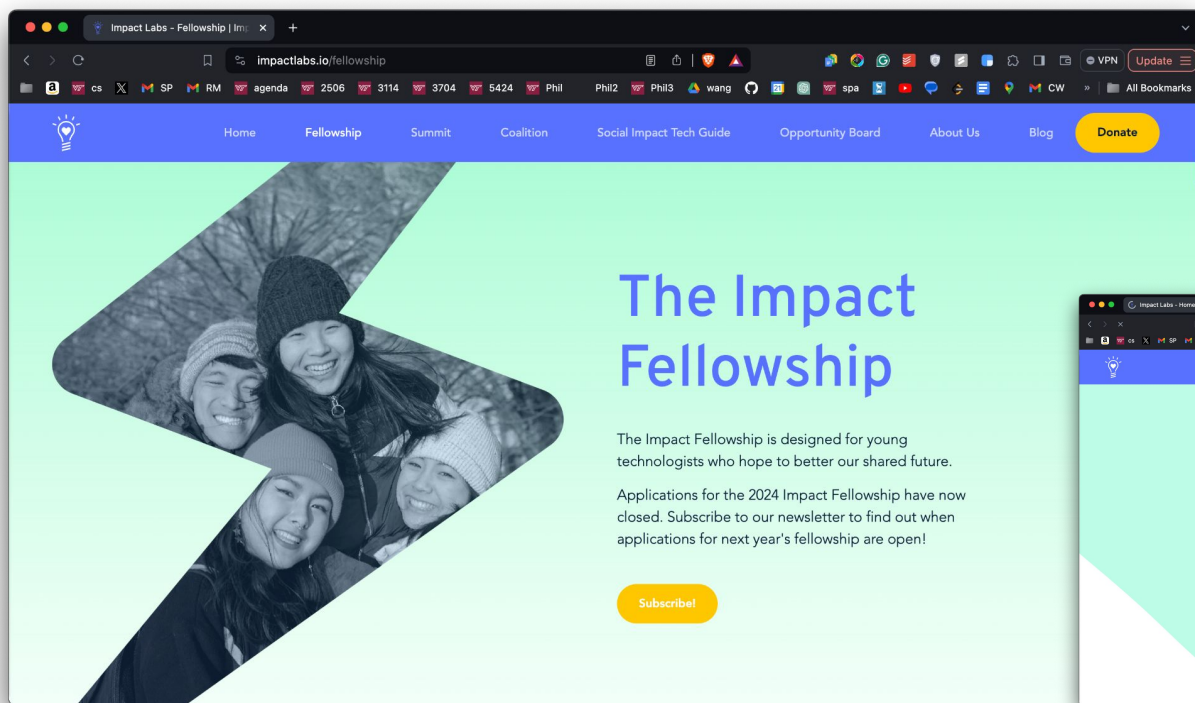

WebAlly  

— *Making websites accessible* —

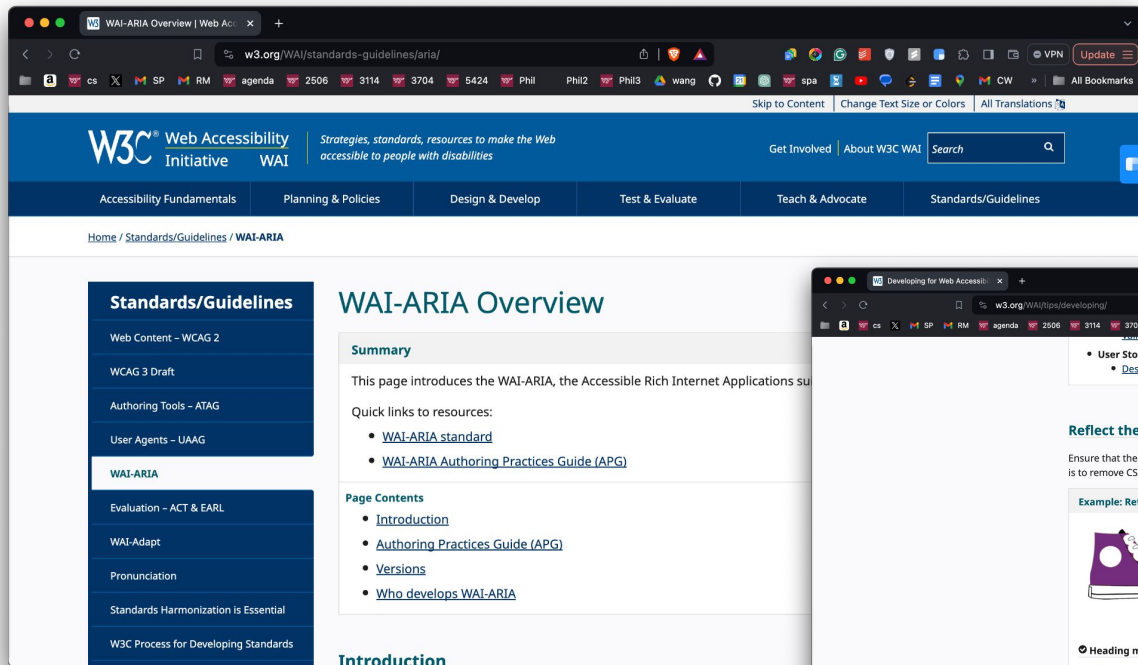
Social impact tech + monetizable



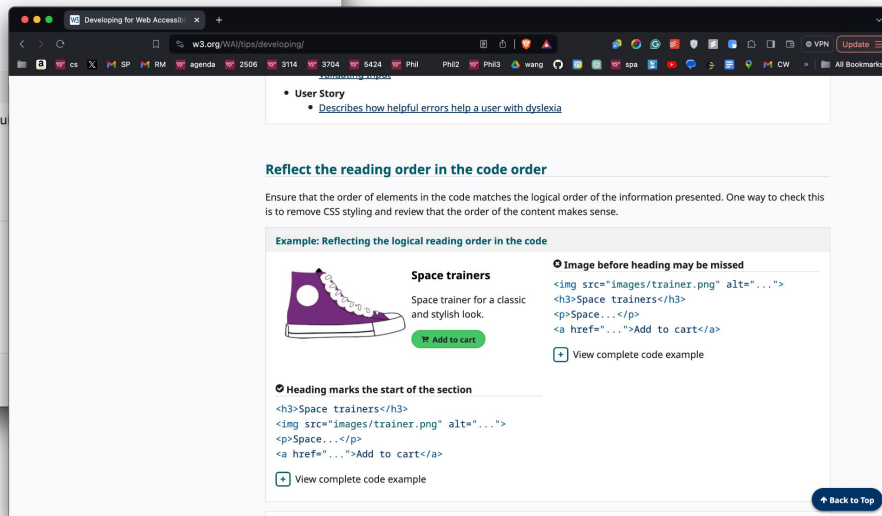
Problem

- A study by the Click-Away Pound Survey found that in the UK alone, businesses lose about £17 billion a year due to ignoring accessibility needs
- There has been a notable increase in web accessibility-related lawsuits over recent years. In the U.S., for example, the number of federal lawsuits related to website and app accessibility under ADA Title III rose from 814 in 2017 to 2,285 in 2018, as reported by law firm Seyfarth Shaw.
- Impact on SEO: Web accessibility improvements can positively impact Search Engine Optimization (SEO).

ARIA Web Standards



The screenshot shows the W3C Web Accessibility Initiative (WAI) website. The header includes the W3C logo and the text "Web Accessibility Initiative WAI" with the tagline "Strategies, standards, resources to make the Web accessible to people with disabilities". A navigation menu contains links for "Accessibility Fundamentals", "Planning & Policies", "Design & Develop", "Test & Evaluate", "Teach & Advocate", and "Standards/Guidelines". The main content area is titled "WAI-ARIA Overview" and includes a "Summary" section, "Quick links to resources" (with links to "WAI-ARIA standard" and "WAI-ARIA Authoring Practices Guide (APG)"), and "Page Contents" (with links to "Introduction", "Authoring Practices Guide (APG)", "Versions", and "Who develops WAI-ARIA"). A left sidebar lists various standards and guides, with "WAI-ARIA" highlighted.



The screenshot shows a web development article titled "Reflect the reading order in the code order". It discusses the importance of matching the logical order of information in the code to the visual order presented to the user. The article includes an "Example: Reflecting the logical reading order in the code" section. This example features a purple sneaker image with an "Add to cart" button. The code snippet shows the HTML structure, highlighting that the heading for the sneaker is placed before the image and button in the code, which is a best practice for accessibility. The article also includes a "User Story" section and a "Back to Top" button at the bottom right.

Web Accessibility Evaluator

Enter the URL of the website to scrape:

`https://gymcoach-ai.netlify.app/`

Accessibility Issues and Recommendations

Reviewing the provided HTML and CSS code, there are several potential accessibility issues that can be identified. Herein, recommendations to address these concerns are also provided.

Accessibility Issues Found:

- Lack of ARIA Landmark Roles:** The HTML structure doesn't include ARIA landmarks which assist screen readers in understanding page layout and navigating between significant areas of content more effortlessly.
- Poor Color Contrast:** While specific colors are not defined in the provided snippet, the usage of gradients and background colors implies potential color contrast issues, which might not meet WCAG (Web Content Accessibility Guidelines) 2.1 level AA requirements.
- Lack of Semantic HTML Elements:** The code snippet mainly uses `<div>` elements and lacks the use of semantic HTML5 elements. Semantic elements such as `<header>`, `<nav>`, `<main>`, `<footer>`, etc., provide meaning to the web content which helps assistive technologies understand the content's structure and importance.
- No Alt Text for Images:** The HTML does not specify any images. However, if images are added in the future, failing to include meaningful `alt` attributes would be a significant accessibility concern as it would prevent screen reader users from understanding the content presented by images.
- Inaccessible Form Controls:** No forms are present in the provided snippet, but if forms are included

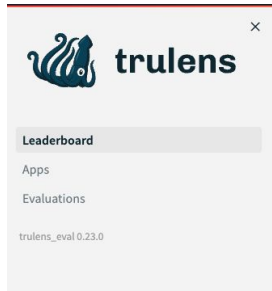
Updated Code

Based on the issues and recommendations provided, below are the updated HTML and CSS to improve accessibility:

Updated HTML Code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <link rel="icon" type="image/svg+xml" href="/vite.svg" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>GymCoach AI</title>
  <script type="module" crossorigin src="/assets/index-9038e9e1.js"></script>
  <link rel="stylesheet" href="/assets/index-f991c3fc.css">
</head>
<body>
  <header role="banner">
    <!-- Example header content here -->
  </header>
  <nav role="navigation">
    <!-- Example navigation links here -->
  </nav>
  <main role="main">
```

TrueLens Eval



App Leaderboard

Average feedback values displayed in the range from 0 (worst) to 1 (best).

```
fopenai = fOpenAI()
f_relevance = Feedback(fopenai.relevance).on_input_output()

tru_llm_standalone_recorder = TruBasicApp(client.chat.completions.create, a
with tru_llm_standalone_recorder as recording:
    response = client.chat.completions.create(
        model="gpt-4-0125-preview",
        messages=[{"role": "user", "content": prompt_issues}]
    )
```