

(1) **Part 1:** In 300 words (only!) describe your website (We will stop reading at 300 words, so please be concise). Include the following:

The purpose of SendyLog is to allow climbers to log and track their progress through a series of engaging data visualizations. Whether you're a beginner or an experienced climber, this website provides a fun and easy way to record your climbs and see your progress over time. With a focus on providing a compelling and user-friendly experience, this website is perfect for climbers who want to keep a record of their adventures and visualize their achievements.

Through this website, users can get a better look into their climbing journey and track their progress. Knowing your strengths and weaknesses is crucial for effective training and climbing, but accessing and quantifying this information can be difficult without the right tools. Sendylog serves as an important tool for climbers to gain insights into their performance. With our data visualizations, you can answer questions like: What kind of terrain do you prefer? What are your most avoided climbing holds? How many attempts do you take for each climbing level? With Sendylog, you can gain a deeper understanding of your climbing journey and set new goals for success.

Unlike other boring and tedious climb log tools, my website provides a refreshing and engaging experience for climbers to log their climbing details. The clean and animated landing page makes it easy and fun to input your climbing data. Sendylog creates meaningful data to help climbers engage with their progress and set new goals.

I originally created this website for myself, but after a few iterations, I realized that it could benefit many climbers - whether they're new to the sport or seasoned pros. So, if one wants to make efficient progress in climbing or gain a new perspective on the climbing journey, this website is the perfect tool.

(2) **Part 2:** Use a bulleted list to describe how a user would interact with your website. For each item in your list, state

- Animation on the landing page; you don't need to click anything, just wait a few seconds for the text to change.
- The "Submit Another" button on the landing page logs your data and lets you submit details for another climb.
- The "Check Dashboard" button on the landing page directs you to the dashboard page.

(3) **Part 3:** Describe what external tool you used (JavaScript library, Web API, animations, or other). Following the bulleted list format below, reply to each of the prompts. (We will stop reading at the 4th sentence, so please be concise)

To add some excitement and personality to my website's landing page, I decided to incorporate the typed.js library. This library allows me to animate text on my page, making it more dynamic and engaging. I specifically used it to highlight different words that start with the letter "S" (send, struggle, and success) in my page's title. While this feature doesn't add any functionality to my site, I think it adds a nice touch and makes my website stand out.

I also use vega-lite to generate informative visualizations. My TA recommended this library for its ease of use and powerful capabilities, and I was not disappointed. With vega-lite, I was able to easily fetch JSON data and generate a variety of graphs and charts. These visualizations provide users with a meaningful way to analyze their climbing records, telling a more compelling story than raw JSON data alone.

(4) **Part 4:** Describe how you iterated on your prototypes, if at all, including any changes you made to your original design while you were implementing your website. (4-8 sentences max)

I originally wanted to include cool animations that would allow users to control a rock climber and see different movements corresponding to different climbing grades. However, I quickly realized that it would be difficult to find the right animations to achieve this goal. So, I decided to take a different approach and focus on simplicity and aesthetic cleanliness.

My initial design included a landing page with a "submission" button that users could click on to input details about their climb. However, after conducting think-aloud tests with users, I realized that this extra step was unnecessary and could be eliminated. As a result, I decided to remove all unnecessary elements and keep only the most important part: the submission page itself. This way, users can submit their climbing records immediately upon arriving on the landing page, without any extra steps or distractions. I believe this streamlined approach will provide a better user experience and make it easier for users to engage with my website.

(5) **Part 5:** What challenges did you experience in implementing your website? (2-4 sentences max)

I struggled to create multiple Vega-Lite visualizations and struggled to generate various graphs for my nominal data. Also, I encountered challenges with storing and fetching the data locally in the library. Another issue is that the background image on the landing page appears fine, but it becomes slightly misaligned when scrolling to the right. Despite attending office hours and reading through documentation online, I couldn't figure out how to fix it.

(6) **Accessibility Check:**

WAVE powered by WebAIM  
web accessibility evaluation tool

Address: [\[-\]Homework/Sendylog/index.html](#)

Styles: OFF ON

Summary

Summary Details Reference Order Structure Contrast

0 Errors	0 Contrast Errors
1 Alerts	8 Features
3 Structural Elements	1 ARIA

[View details](#)

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

The following apply to the entire page:

**h1 Tell me more about your Success!**

Grade: V2

Terrain: Arate

Hold Style: Crimp

Move: Dyno

Number of Attempts: 1

Gym: Ascend-South Side

[Submit](#)

WAVE powered by WebAIM  
web accessibility evaluation tool

Address: [https://mhcisoniawu.github.io/PU](#)

Styles: OFF ON

Details

Summary Details Reference Order Structure Contrast

☒ 1 Alerts

- ☒ 1 X No page regions

☒ 8 Features

- ☒ 1 X Alternative text
- ☒ 6 X Form label
- ☒ 1 X Language

☒ 3 Structural Elements

- ☒ 1 X Heading level 1
- ☒ 1 X Heading level 2

The following apply to the entire page:

**h1 Tell me more about your Success!**

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Styles: OFF ☒ ON

Summary


Summary Details Reference Order Structure Contrast

 0 Errors	 0 Contrast Errors
 3 Alerts	 1 Features
 0 Structural Elements	 2 ARIA

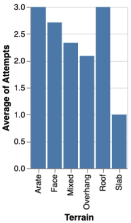
[View details](#)

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

The following apply to the entire page:



## Let's take a look at your climbing statistics



aria role="graphics-document", aria-roledescription="visualization" aria-label="Vega visualization"

Back

## (7) Other notes:

Please test it on a desktop with a screen resolution of 1024x768 and on a mobile device with a screen resolution of 360x640.