



## Project Proposal

Create an accessible website for ODAC

### Client

Oredigger Disability Activism and Community

### Team Size:

4 students

### Location:

Mines Campus

### Sponsor Overview:

Established in 2021, the Oredigger Disability Activism and Community (ODAC) was founded with the distinct purpose of fostering activism and a sense of unity among the disabled community at Mines. Historically, Mines has had a small population of disabled individuals; however, there has been a notable surge in this demographic in recent years. ODAC is dedicated to ensuring that this growing community is not merely recognized but also empowered.

Our mission is to enhance the accessibility of the campus and to bolster the support mechanisms available for those with distinct needs. Through our endeavors, we aim to cultivate an inclusive environment where disabled Orediggers, along with their allies, can forge meaningful relationships that will enrich their experiences at Mines and set the foundation for lifelong bonds.

### Description:

ODAC currently only has a website through SAIL which has not been working. We would like to create a website that not only tells students about ODAC but also helps them find resources on and off campus. Our website will need to be a bit different from other websites because we are a club specifically for people with disabilities.

This website should include:

- Accessibility features such as an integrated screen reader, contrast ratio (ability to change the contrast), ability to change text size
- Resource page(s) that are easy to navigate and understand
  - Include resources for people with disabilities both on and off campus
  - Include resources for professors on creating accessible courses
- Events page that has the ability to add events to personal calendars
  - Include a way for students to request accommodations at ODAC events that will notify a point of contact any time there is a submission
  - Option to submit request anonymously

- A private forum where members can go to talk and share resources
- News page where members can share research projects and milestones
- A way to report accessibility issues on campus to the proper department
- The ability for future board members to update the website and add to it
- A way to send out newsletters to people who subscribe to our organization
  - A way for people to subscribe (preferably in a way ODAC does not have to pay for)
- Stretch goal: include a video tour of campus and social narratives for recurring events such as tours and M Climb (would reach out to departments to get these and edit them to make them accessible)
  - Include a way that the departments can edit these as necessary

The project execution will involve:

- Creating an accessible website
- Researching web accessibility and going beyond the standard
- Researching resources and creating a user friendly resource page
- Creating customizable features

### **Objectives:**

1. Develop an accessible website that meets high web accessibility standards, specifically designed for individuals with disabilities.
2. Curate a comprehensive resource page offering valuable information for individuals with disabilities, both on and off the Mines campus, and assist professors in creating accessible courses.
3. Implement an events page that allows members to add events to their personal calendars.
4. Establish a private forum to foster a supportive community where members can communicate, share resources, and provide mutual support.
5. Create a news page to share important research projects, milestones, and community updates within ODAC.
6. Develop a feature for reporting accessibility issues on campus, ensuring efficient communication with the appropriate department.
7. Ensure the website is designed for easy content updates and management by future board members.
8. Design a system for distributing newsletters and managing subscriptions in a cost-effective way for ODAC.

### **Desired Skills:**

1. Proficiency in HTML, CSS, JavaScript, and web development frameworks, with an understanding of responsive design principles.
2. Willingness to learn about web accessibility standards (WCAG, ADA, etc.).
3. Skills in managing and updating web content, with an understanding of user experience (UX) design principles.
4. Ability to create online forums or discussion boards that promote community engagement.

5. Competence in researching and compiling resources, understanding the needs of the audience, and presenting information in an accessible format.
6. Clear communication and technical writing skills for creating informative and accessible web content.

### **Ownership of Intellectual Property:**

Students working on this project need to assign ownership of intellectual property to Colorado School of Mines.