Summary

A chief focus on our project is to come up with a lo-fi prototype that will focus on the delivery of a platform that would first and foremost simplify for the users the process of ensuring that their sites conform to the accessibility standards so that digital content may be made accessible to each and every person. This will, therefore, make it very easy to use the prototype since it gives a very user-friendly setup for the application.

The journey starts from the Homepage, where the user gets welcomed and introduced to what the tool can help users do, with quick navigations into the Log-in and Content-Upload Sections. Setting the right tone for the intuitive user experience, when logged in through the Sign-In Page, users get a personalized dashboard. This is a dashboard to control all uploaded content and view the results of checks for such uploaded content. According to the communication, the tool is related to the users to help make their lives more comfortable and safer. This upload page is another piece of the jigsaw for the user journey and gives an expedient route whereby to submit digital content for review. Therefore, it takes the user through the requirements for files but motivates first-time uploaders with clear, supportive messaging.

Upon submission, the Results Page is shown. It summarizes the projects that were uploaded, showing in detail, for instance, some key aspects such as time of upload and the types of accessibility issues reported. Both the Table of Results and the Summary are designed not only to display the results automatically but also as a work area to enable the user to sort, search, and interact with their own web projects. In order to get a very in-depth view, the breakpoint is placed, and the detailed feedback on high-level impact is delivered with concrete steps that needed to be taken to address the problem.
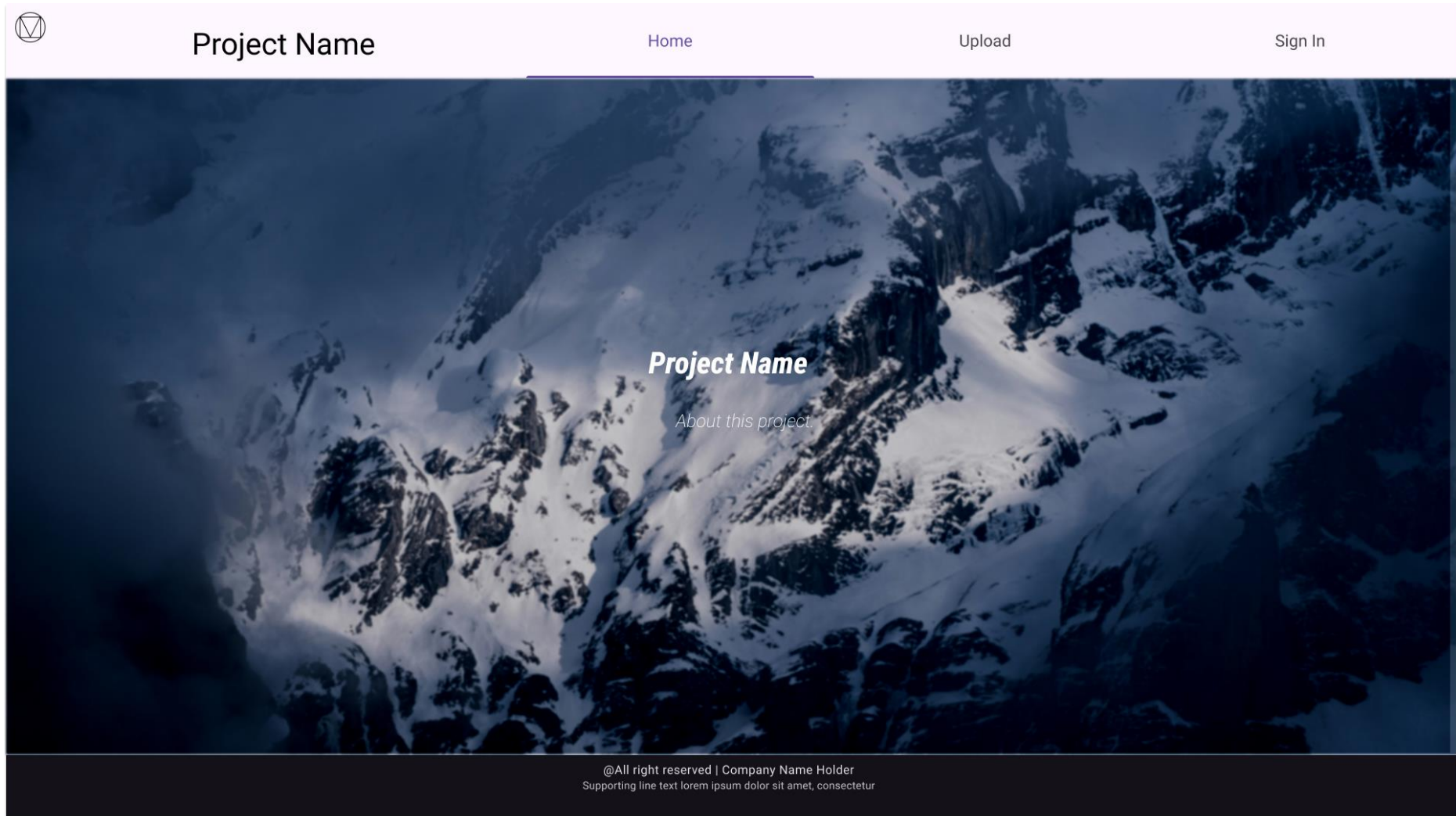
Home Page

On this homepage, users can acquaint themselves with the tool's objectives by exploring the links labeled "Project Name" and "About this project." They can then use the "Home," "Upload" or "Sign In" tabs on the website to browse around the website to start using the service, add items to be checked for compliance or log into their account. Lower down, there is more information on the company and support information for addressing any other issues or queries on the service.

Feedback Page with a List of 10 Feedbacks

Home

Uploads

Sign In

Sample.html
9 Issues Found

File name 2
2 Issues Found

File name 3
12 Issues Found

File name 4
9 Issues Found

File name 5
9 Issues Found

File name 6
9 Issues Found

File name 7
9 Issues Found

File name 8
9 Issues Found

File name 9
9 Issues Found

File name 10
9 Issues Found

File name 11
9 Issues Found

File name 12
9 Issues Found

Sample.html

Missing Alt Text for Images: <img src="example.jpg"> lacks a descriptive text alternative, which is crucial for screen readers... →

Non-Descriptive Link Text: Links such as Click here are present, which do not provide informat... →

Insufficient Color Contrast: Text colors and background colors do not have sufficient contrast, making it hard for users with... →

Missing Document Language: The <html> tag is missing a lang attribute, which is necessary for screen readers to correctly... →

No Skip Navigation Link: The page lacks a "Skip to Content" link, which allows keyboard users to bypass repetitive navigatio... →

Missing Form Input Labels: Form inputs like <input type="text"> do not have associated <label> tags, making it unclear wha... →

Using Tables for Layout: Tables are used for page layout rather than for presenting tabular data, which can confuse screen r... →

Lack of Header Structure: The document does not use a proper heading structure (<h1>, <h2>, etc.), making it difficult for s... →

Missing ARIA Landmarks: The page does not use ARIA landmarks to identify regions of the page (like <nav>, <main>, <asid... →

On the left, the listing of files in your current working directory reveals identified issues that have not been following web accessibility standards. To the right of the display, for each of the accessibility issues, there will be a file "Sample.html" selected, which contains warnings about the missing alt text for images, non-descriptive link text, color contrast that does not follow web accessibility standards, etc. All of them are described shortly and have an arrow suggesting a more detailed explanation.

Detail for one Feedback

Sample.html
9 Issues Found

File name 2
2 Issues Found

File name 3
12 Issues Found

File name 4
9 Issues Found

File name 5
9 Issues Found

File name 6
9 Issues Found

File name 7
9 Issues Found

File name 8
9 Issues Found

File name 9
9 Issues Found

File name 10
9 Issues Found

File name 11
9 Issues Found

File name 12
9 Issues Found

←

`<a href="document.pdf">Click here</a>`

Feedback

For instance in the text "Click here", in the given example, it is evident that the words "Click here" provide no kind of information at all about what they will do or where they will lead. This is not helpful to a user of a screen reader. This text needs to have an ARIA label for context about the role the link is playing or the kind of document it is pointing to.

Why It's a Problem:

1. Lack of context, this would specially involve the user if he or she suffers from visual impairment since it will be using screen readers. They will hear the link text but will gain no information on what it leads to. The user is then left to guess or follow the link in order that he or she might understand what it is. This is what causes some blunders and some bad navigational practices.
2. Some of the other poor usability includes non-descriptive link texts that may be cumbersome to understand the link is at stake before the link is activated which would cause a fistful of frustrations for the users.
3. SEO Impact: The link texts are used by the search engine in gauging what the linking page content is all about. Non-descriptive link texts are lost opportunities for your website optimization.

How to Improve

To avoid this, links should have descriptive texts adequately describing where that link is going to lead the user, or what the user can expect to find in case the relevant link is followed. For example, use "Download Accessible Web Design Guide (PDF)" instead of meaningless "Click here." This way, the users and search engines get more information of the respective linked document.

The page is what shows after click on one feedback, the user can view it, understand what and why the feedback is about and use How to Improve section to fix the issue.

Sign In Page

Home   Uploads   Sign In

Username

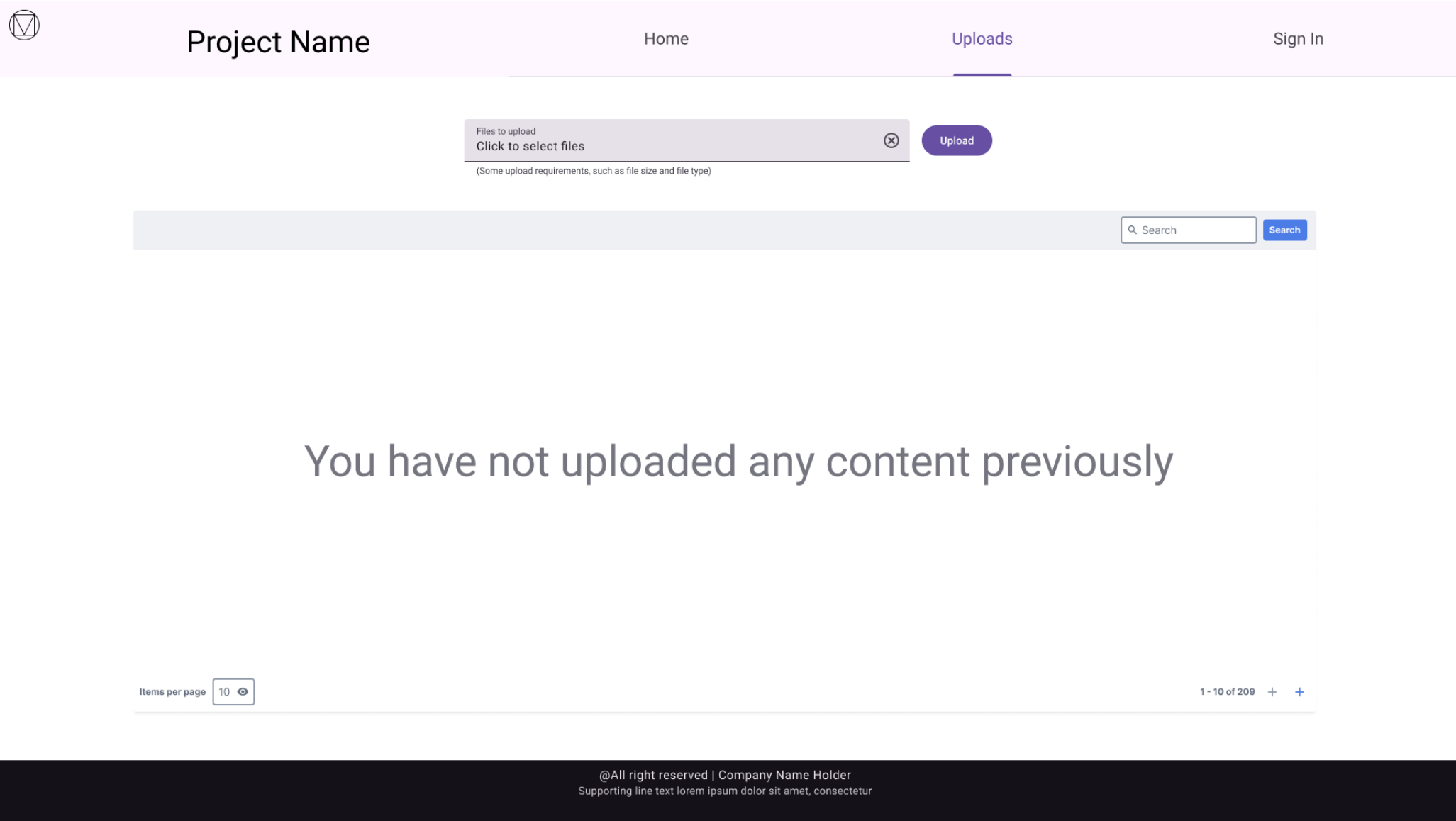Username

Password

Password

Log In   Sign Up

The user would fill up details in the correct fields on this page to log in to an account. If the user hasn't registered, he can register by hitting the "Sign Up" button. The other links that are placed at the top are navigational - "Home" would take the user back to the homepage, while "Uploads" would take them to the uploads section.

Upload Page with no previous upload

Project Name   Home   Uploads   Sign In

Files to upload
Click to select files   ⊗   Upload
(Some upload requirements, such as file size and file type)

🔍 Search   Search

You have not uploaded any content previously

Items per page   10 👁   1 - 10 of 209   +   +

On this page, a user can click the "Click to select files" area to choose files from their computer that they wish to upload. After selecting the files, they would press the "Upload" button to submit them to the platform. The message "You have not uploaded any content previously" indicates that the user has not uploaded any files before, and the search bar at the top right allows for searching through previously uploaded content.

Upload Page with Previous Uploads

| Project Name | Home | Uploads | Sign In |

Files to upload
Click to select files ⊗   **Upload**

(Some upload requirements, such as file size and file type)

| | | | 🔍 Search | **Search** |

Upload Project ⇌	Upload Time ⇌	# of Issues ⇌	Action
Project Name 1	04/05/2024 20:05:40	191 issues in 30 files	👁 🗑
Project Name 2	04/06/2024 13:05:40	191 issues in 30 files	👁 🗑
Project Name 3	04/09/2024 17:05:40	191 issues in 30 files	👁 🗑
Project Name 4	04/09/2024 17:05:40	191 issues in 30 files	👁 🗑
Project Name 5	04/09/2024 17:05:40	191 issues in 30 files	👁 🗑
Project Name 6	04/09/2024 17:05:40	191 issues in 30 files	👁 🗑
Project Name 7	04/09/2024 17:05:40	191 issues in 30 files	👁 🗑
Project Name 8	04/09/2024 17:05:40	191 issues in 30 files	👁 🗑
Project Name 9	04/09/2024 17:05:40	191 issues in 30 files	👁 🗑
Project Name 10	04/09/2024 17:05:40	191 issues in 30 files	👁 🗑

Items per page 10 👁   1 - 10 of 209 + +

The user can interact every project via "Action" buttons in order to probably view more information about them, edit, or delete the uploads. They may further upload new documents by clicking the link in the "Click to select files" section and then hitting "Upload. And, in the bottom part, it has a searching bar that can help search for something and allows the quantity of items to be changed that will be displayed by page according to your convenience.