

Part I: Researching & Selecting An API

A. Identifying An API

- What API have you chosen to use on your client site? Why? Provide a URL to the documentation of the API you will be using.
I chose Cloudinary's API because it is a good tool for storing, organizing and manipulating images and other media assets. The documentation for the API can be found at: <https://cloudinary.com/documentation>
- What feature(s) will you use from the API? How are these feature(s) relevant to your client site?
I plan to use the upload feature, responsive image feature, lazy loading and the video transformation features. These are relevant to my client site as my site contains videos and images pertaining to the purpose of the website. This API can make the use of media assets more effective, especially the lazy loading feature which Improves a page's load performance by loading images only when they enter the viewport.
- How will you access the API? How will you use its features?
I can access the API using JavaScript SDK, a rest API, or a server-side SDK like node. I will use the API for media uploads, transformation and responsiveness.

NOTE: API USAGE IN csc372_projects\site\my-react-app\src\components IN THE MemberCard.jsx file

1. Did your peers accurately describe your client site?

Yes they did

2. What comments did your peers make about the content of your website? What reasons did your peers give for why someone would visit your site? Did you peers accurately describe your target audience?

they said The purpose is to share the club's background and have a place to view there members and what events they have going on currently. They noted that someone would visit the site if they were interested in getting to know more about the club and maybe joining it, which is accurate description of my target audience

3. What comments did your peers make about the design of your website? Did they find that your design effectively communicated your message?

They said the website is well laid out and is very easy on the eyes. Easy navigation and content isn't too much or too little. also that site looks clean and well organized, and the flow of the website is well done.

4. What comments did your peers make about the features of your website? Did your peers find that these features enhanced the main purpose of your site?

They said there is a nice use of the slide image and navbar. Information is easy to find.

5. What did your peers mark in your website criteria that needs to be addressed on your site? How will you address these areas of concerns on your site?

One member said ajax and jQuery implementation needed to be Improved. These were already implemented, so, he must have missed them. Otherwise, the only other issue was the missing author information on the homepage which has been fixed.

6. What errors did your peers identify using browser developer tools and the JavaScript console? How will you resolve these errors? Be specific about the steps you're taking to fix issues or improve functionality.

There was a WebSocket issue which could be an issue from render or maybe a firewall issue on their computer as this error was only on one team members report.

7. What issues did your peers identify when evaluating your website's performance with Lighthouse and PageSpeed Insights? What high-priority issues did you address, and how did you go about resolving them? Were there any performance optimizations you made based on their feedback?

There was an issue of slow loading as a result of unused javascript code and the image formats. Based on their feedback, I removed unused javascript code, and I changed the format of my images to enable faster loading.

8. What did your peers note when testing your site for responsiveness and mobile-friendliness? What works well? What could be improved upon?

They found no major issues in terms of responsiveness. There was a report from one peer about the footer elements being cut off on smaller screens. Otherwise, everything works well

9. What did your peers note when testing your site on different devices and web browsers? Is there anything that you can improve upon?

They reported no differences between different websites

10. What did your peers note when testing your site for accessibility? Is there anything that you can improve upon?

There was no accessibility issues when tested online, but they personally reported a possible contrast issue with the text and background. This is a known issue and I plan to fix that.

11. What did your peers like most about your site?

They said the website is done well and easy to navigate, and they like the layout of the site and the different pages you have. Homepage doesn't have too much content which could overwhelm the user. Members page is great as well, they also liked the pop up text that appears when you click on each image.

12. What two things did your peer identify that would improve the quality of your website? List two specific actions you can take to make these improvements.

They said to Optimize image sizes for faster loading, remove unused CSS/JS, and enhance mobile responsiveness for a smoother experience. I can make improvements by removing unused code, and optimizing my images.

Part VII: Client Feedback & Approval

- Date and time of when the meeting took place.

Thursday March 13, 2025 around 6pm

- Whether the meeting was in person, via Zoom, phone call, or another platform.

The meeting was held in person

- Summary of key points discussed including:
 - Major themes or patterns identified in peer feedback.
 - Strong approval of the clean organization and appropriate content amount
 - General agreement that the site effectively communicates its purpose
 - Specific feedback the client agreed should be addressed and how it will be implemented.
 - Client acknowledged the slow loading issues identified in Lighthouse/PageSpeed Insights. This will be resolved by removing

unused code and using an image API to manipulate images to prevent slow loading times

- Any peer feedback the client chose not to incorporate and their reasoning.

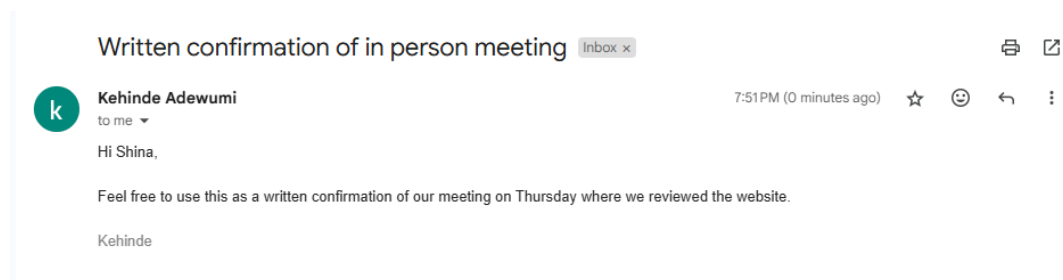
The WebSocket issue reported by one team member was dismissed as likely being a local firewall issue or Render-related problem rather than a website issue, otherwise, there wasn't any recommendation from team members to bring to the client

- Additional feedback or concerns raised by the client.

Missing web pages was brought up, but acknowledged as I'm waiting for some information from the client to build those pages.

- A list of changes or refinements to be made based on the discussion.
 - Remove unused JavaScript code to improve performance
 - Convert images to more efficient formats for faster loading (will use an API for this)

Implementing Revisions & Final Approval:



Reflection On Feedback & Future Implementation:

Write a short reflection discussing how both peer and client feedback influenced changes to your site. Include details on:

- What were the most significant changes made based on feedback? Provide before-and-after comparisons (screenshots, descriptions, or code snippets).

One significant change was fixing the contrast issue:

- Before: Text and background had insufficient contrast, creating accessibility issues. It was previously a grey background with black text.
 - After: Implemented higher contrast color combinations, particularly focusing on text readability. I switched to a white background with black text
-
- How did the feedback improve the overall user experience and alignment with client goals?
Enhanced readability through better contrast on the website
 - Were there any suggestions you decided not to implement? Why?
One peer reported issues with AJAX and jQuery implementation, but these were already correctly implemented and likely overlooked during testing

Additionally, include a list of features requested by your client that still need to be implemented in the backend of their site using a database. This will serve as a roadmap for the next development phase.

Some features requested by the client for the backend is Donation tracking and management system, and Form submission database for interested potential members.

Submission:

Main: https://github.com/Shina003/csc372_projects

client_site_v5 branch:

https://github.com/Shina003/csc372_projects/tree/client_site_v5

Live website: <https://csc372-projects.onrender.com>