

# Design Journey Part 1

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Section: 208

## **Part 1: Client Selection**

### **Client Description**

**Tell us about your client. Who is your client? What kind of website do they want? What are their key goals?**

Our Client is The Cornell Student-Athlete Advisory Committee. They want a website that would function as a bulletin/blog for the events occurring through the organization, as well as a database for team representatives and Executive board members. Their goals are to create more visibility for the group, create a more official atmosphere, and by exhibiting the service and achievements of each team in a commonplace, prod athletic teams to aspire for increased outreach and involvement.

**NOTE: If you are redesigning an existing website, give us the current URL and some screenshots of the current site. Tell us how you plan to update the site in a significant way that meets the final project requirements.**

## **Target Audience**

**Tell us about the potential consumers of this website. How, when, and where would they interact with the website? Get as much detail as possible from the client to help you find representative users. This will make it easier for you to test your site on potential users and to generate useful personas.**

The target audience would be the participants, friends, and fans of Cornell Athletics- but wouldn't be limited to them, as our client expects potential recruits, other teams, and general members of the Cornell community to be exposed to the content.

## **Purpose & Content**

**Tell us the purpose of the website and what it is all about.**

Allows for easy attendance for meetings and documentation, keeps track of admin privileges, and details people to contact

## **Hosting Plan**

**Where will the site be hosted?**

Off of the course server

## Needs and Wants

In this table, collect your client's and target audience's needs and wants for the website. Come up with several appropriate design ideas on how those needs may be met. In the Memo column, justify your ideas and add any additional comments you have. There is no specific number of needs required for this, but you need enough to do the job.

<b>Needs and wants</b> (What does your client and audience need and want?)	<b>Design ideas and choices</b> (How will you meet those needs and wants?)	<b>Memo</b> (Justify your decisions; Additional notes)
(need 2) Photo album of events, community service, competitions	Use SQL to maintain database of photos, categorized by albums- only admins can add photos	Much like project 3, allows visitors to search by certain criteria through site
(need 3) Database of team representatives, executive board	Also uses SQL to maintain information about representatives, and table to join meetings archive and attending members, tracks admin privileges, Displayed in membership page	It would make attendance tracking easy, keeps the admin privileges in an easy place as we did in project 3, connects to meeting table
(need 4) Archive of agendas from meetings/events	Table of meeting details, entry form for admin that allows the submission of new events/agendas, creation of new photo albums. Infinity scroll of chronological blog posts	Table would allow for users of site to search through past events and agendas, connect to table with photos related to that event.
(need 5) Monitored comment section, login (either facebook/google/new account or cornell login)	Utilize Facebook or Cornell login API to login for comments, limit the length of comments, filter negative/vulgar comments and allow admins to delete harmful comments	Gives site more interactivity and creates different levels for site access- modification, commenting, or just viewing the page
(etc.)		

## **Part 2: Project requirements**

### **Design**

**What design elements should be utilized? Tell us about the design elements you plan to have for the site. Do they fit your client's needs? Why did you choose to follow (or not to follow) the client's expectations? If you chose not to accommodate a need, why did you make that decision?**

We're choosing to use the Cornell University's Brand color and text standards for this website. Since the client is a Cornell based student organization, having the client's website line up with Cornell's standards is preferred. Including official Cornell Brand items helps the client increase their credibility and appeal of the website to newcomers, who are Cornellians themselves.

### **Client's Edits**

**Does the client need the ability to edit the site after the end of the semester? If Yes, tell us how you site fit your client's need. If No, write down N/A.**

Yes, the client will need to be able to edit the site in order to keep it up-to-date in terms of membership, executive board, and events. This will simply be administrative privileges.

## Information Architecture, Content, and Navigation

Lay out the plan for how you'll organize the site and which content will go where. Note any content (e.g., text, image) that you need to make/get from the client.

**Note:** As with the Needs and Wants table, there is no specific amount to write here. You simply need enough content to do the job.

<b>Main navigation Bar</b> This will house all of the page links with a logo embedded in it	<b>Sub category</b> Home, Articles, Gallery, Events, Members, About, Contact Us, Sign In	<b>Content</b> Home: Welcome Page Articles: Display all articles available [able to search] Gallery: Show off pictures of recent events [able to search] Events: Denotes upcoming events (Google Calendar API) Members: Optional page which houses important information for members and admins {must be signed in to view} About: Page about the organization goals and members Contact Us: Page to get in touch with the organization Sign In/Sign Out: Different features available based on who you are
<b>Footer</b> This will house copyright information as well as denoted when the site was last updated.		Social Media Links Page Update Information

Need to get permission to use the logos. Need to get photos from the client that we can use.	Every page will be accessible through the nav bar. You will not be able to get stuck anywhere that isn't on the nav bar.	
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## Interactivity

**What interactive features will your site have? What PHP elements will you include?**

**Much of this is up to you, however, implementing a login system is required. Logging in should not be required to view the site, however it must unlock extra functionality, e.g., admin functionality, comment posting, etc.**

**Also, describe how the interactivity connects with the needs of the clients/target audience.**

Our site will allow admins to make new posts and add new representatives. Those who login can comment, like, and suggest photos to add to certain albums and events. Normal users can still view everything.

Using PHP (or Javascript/Ajax), we'll create a banner that is a constant slideshow in the background of the site. We'd have a contact us form, an easy attendance form, and other PHP functionality we will decide on as working.

## Use of Existing Libraries

**What libraries (e.g. editor.js, JQuery Cookie, Image Sliders, JQuery) are you planning to use for the site? What do you have to do to incorporate those libraries? How much of your own code will satisfy the project requirements?**

We are planning to use the JQuery library. It is relatively simple to use this library as all we need to do is import it. Using this library will allow us to significantly improve the user experience of the website. It is superior to using the normal JavaScript library because it is easier to program and allows us to speed more time on other aspects of the site without sacrificing user interaction.

## **Database**

**How will you use a database to improve the functionality of the website? Describe a possible schema that could meet your client's needs.**

A database will allow us to store relevant content for the website (photos, old meeting agendas, and members). There would be an extensive number of tables within the database. For the photo albums, it would require three tables, one with all photos and information about each photo (credit, location, who is pictured, captions), one that would store the names of every album and album relevant info, and one that stores photo ids and album ids. For members, there would be another table that stores information about each member. This would be linked to a table that stores attendance for each meeting (there will be a reset button for the admin for this table so that each year is a new track record). The events would populate another table, containing information about the event.

## **Scale**

**How large will the site be (approximate number of pages) and how many hours of work will be required to complete it?**

About 5-7 pages and around 100 combined hours

## **Part 3: Work Distribution**

**Describe how each of your responsibilities will be distributed among your group members.**

**Who will be responsible for backing up other members should someone fail to meet a deadline? How will you communicate with each other? What are your expectations for communication? How will you share your design documents and ensure that no one disrupts each other's code? How will you manage deadlines? How you would keep track of task completion and the progress within your group?**

We will support each other as a group if someone fails- we communicate through Github, text, gmail- whatever makes sense. Using Github we will notify each other when pushing and committing certain changes. Making sure not to work the same page at the time will help. As a group we will set deadlines and expectations based on what seems realistic for that time period, and what allows us to progress to the next phase of our site simultaneously. We will make a dynamic checklist of tasks and decide on what indicates a "completed" task in our group meetings.



If you will be using any tools for scheduling, sharing documents, managing tasks, etc., make sure you describe them here. This is also a good time to identify challenges (like who will be unavailable due to religious holidays or sports events), and how you will manage these challenges. Keep updating this on a regular basis for your own benefit.

Github, Google Drive.

If you are not tracking tasks (calendars, shared to-do lists, bug trackers or gantt charts, etc.), you might want to use the basic task tracking table shown below.

**Set internal deadlines.** Whose task needs to be completed first in order for another person's task to be relevant? Be specific in your task descriptions so that everyone knows what needs to be done and can track the progress effectively. Consider how much time will be needed to review and integrate each other's work. Most of all, make sure that tasks are balanced across the team.

**Note:** Again, you want the right number of items for the job. The table should have enough information such that each team member understands what is expected of them and by when.

Task	Team Member Names and roles	Due Date	Status
mainly responsible for DB schemas and relations	Will: DB leader; Oseoba: backup	4/23	In Progress
Figure out Login functionality, API necessary, comment section	Ryan: Login leader; Will: backup	4/23	In Progress
Design framework and detail site flow/design	Noah: Web design Leader; Ryan: backup	4/23	In Progress
Design page appearances, form details and entry/post details	Oseoba: Entry/page layout leader; Noah: backup	4/23	In Progress

## **Part 4: Additional Comments**

**If you feel like you haven't fully explained your design choices, or if you want to explain some other functions in your site (such as special design decisions that might not meet the final project requirements), you can use this space to justify your design choices or ask other questions about the project and process.**

Upon meeting with the group and beginning to assign duties, we realize that we will be able to work well together to maintain a dynamic task list. This is why we chose not to completely finish our task table with deadlines- we will progressively determine when we need a phase completed and who should lead that phase. The above tasks do allow for an understanding of who will probably handle a more detailed implementation of these initial design duties.