

Client Project

Cross-country website

Pedagogical Motivation:

In the past students would work on their personal portfolio during the semester, but this led to two common problems.

1. Students spent too much time looking for material rather than focusing on the course concepts
2. As they learned new material, students would get frustrated by earlier design choices.
3. Despite great knowledge progression, the final deliverable was unimpressive.

For the majority of this semester we will all be working from a common client project – a XC website. This will allow you to learn the concepts without getting personally attached to the work. At the end of the semester you will have the opportunity to make your own portfolio.

Project

Cross country website

Contact

Students will contact clients via their GSI

Project Purpose

The cross country coaching team seeks to improve their ability to track athlete performance by designing a new website to better help coaches monitor and analyze athlete development over multiple years. The new site will feature an accessible and responsive design that works on multiple devices, a modern look and feel, and a refreshed structure for organizing [athlete data](#)

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[and team data](#). The core areas of focus for the site's content are race times, athlete progress, and historical performance comparisons.

The new website will be built using HTML5, CSS3, and JavaScript and will be hosted on GitHub.

Client One's Objectives

1. Create a website for the cross country coaching staff to help coaches better track and analyze athlete performance and development over time.
2. Update and enhance the site's design and information structure to make it easy to find and manage athlete data, race times, and progress reports.
3. Organize and refine content to compare athlete performance with peer teams and emphasize team accomplishments.
4. Optimize site content and images for tablet and mobile use.
5. Ensure that the site is fully accessible and usable for all coaches, including those with varying levels of technical ability.
6. Have a visually appealing, modern website that incorporates the team's colors.
 - a. **Extra consideration if the team colors can change (for reuse for different teams)

Client Two's Objectives

1. Create a website for the cross country coaching staff to help coaches better track the current year's events.
2. Prioritize a photobook look and field where each meet can have a gallery and summary.
3. Would like the ability to sort and filter by grade/gender
4. Ensure that the site is fully accessible and usable for all coaches, including those who are color blind.

Client Three's Objectives

1. Create a runner-facing focused website for the cross country runners to follow their progress
2. Include data from multiple years, and include the ability to see progress
3. Ability to upload favorite pictures
4. Aesthetically pleasing: team colors, logo, pictures, graphics, etc.
5. Clean print version option

Our Process

This responsive website will be built iteratively which means that we will have 3 distinct deliverables for our client

1. Deliverable #1 - Required Data and Potential layouts
 - a. Analyze the athletic.net site and create a **requirements document** (in csv form) detailing the data needed for the site, as well as any other information (athlete images, school colors, etc.)
 - b. Create a schema for potential placeholder content that will be filled in with information provided in the requirements document.
 - i. Schemas must include all container tags along with the ids and classes that will be used for the content.
 1. Each discussion section will agree upon a common template for the html code.
2. Deliverable #2 - HTML website
 - a. This will include all of the placeholder content in one or more html files.
 - b. This will not be a styled website as we want to start with semantic structure first and ensure that we have the content we need to make the site successful
 - c. This website will be fully accessible and will pass accessibility validators such as WAVE and Axe.
3. Deliverable #3 - Mobile website
 - a. This will include all of the content in one or more styled html files
 - b. This will be a mobile first design - which means that our default web design is for mobile devices and smartphones - not large screens (desktops/laptops)
 - c. This website will include some animation.
 - d. This website will be fully accessible and will pass accessibility validators such as WAVE and Axe as well as react to the user preferences of prefers-reduced-motion and changes in light/dark mode.
4. Deliverable #4 - Tablet or Desktop website
 - a. This will include all of the content in one or more styled html files
 - b. This will build on the mobile first design -the default web design (CSS) is for mobile devices and smartphones
 - c. This means that the larger screen styling will be built on top of the default/mobile screen design.
 - d. This website will be responsive and all content will be viewable at larger sizes

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- e. This website will be fully accessible and will pass accessibility validators such as WAVE and Axe

Scope

The website is proof-of-concept and will not include the data for all of the years, or for all of the athletes. However, students should be able to seamlessly incorporate new content.

Out of Scope

- 1) Scraping/Generating data

Site Requirements

- Site needs to work seamlessly across a variety of devices including, smartphones, tablets, laptops, and desktops
- All content needs to be available across all types of devices
- Supported content will include
 - Text
 - Images
 - Videos
 - Hyperlinks
- Site will be publicly available
- Site should include content from and/or link to the following resources
 - <https://www.athletic.net/team/29445/cross-country/2023>
 - <https://www.athletic.net/team/29445/cross-country/2022>
 - <https://www.athletic.net/team/29445/cross-country/2021>
- Site should include a 404 page

Example requirements for different Project:

Based on our current understanding and analysis of your needs for this project, we recommend the following features for the new website:

- Ability to view all athletes based on competition year (season), graduation year
 - Results (time/placement), PRs, progression,
- Ability to view meet (race) information
 - Individual and team results for each meet or race
 - Average
 - Post race notes
- Ability to see season information

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- Listing of each race and athlete
- Ability for coaching staff to add, edit and remove users to the site
- Ability to change color scheme based on team colors.