COSI 152A – Web Application Development

Group Project Assignment 1

Brandeis Sport Complex

Objectives:

As a node.js/express.js develper you and your gourp-mates are asked to collaborate in this repository to create a website for sport complex of the Brandeis University to effectively showcases the facilities, programs, and events, and encourages visitors to become members.

Instructions:
Develop a plan for your website, including the layout, design, and content. Consider the target audience and the main goals of the website (e.g., to encourage membership sign-ups, promote events, or showcase facilities). Use html, css/bootstrap, and javascript to create your front-end. Make sure to create a responsive webiste that looks great on desktop and mobile devices. Use Node.js or Express.js for the back-end. You can require external modules to add extra functionalities to your application.

Create the necessary pages and content for your website, including:

Home Page: Introduce Brandeis's sports complex and highlight its unique features, such as its location, facilities, and programs.
About Us: Provide background information on the sports complex, such as its history, mission, and values.
Facilities: List the facilities available at the sports complex, such as a gym, pool, tennis courts, and basketball courts. Include photos and descriptions of each facility.
Programs: Provide information on the different programs and classes offered at the sports complex, such as fitness classes, swim lessons, and youth sports leagues. Include schedules and pricing information.
Events: List upcoming events at the sports complex, such as tournaments, races, and charity events. Include photos and descriptions of past events.
Membership: Provide information on the different membership options available at the sports complex, along with pricing and benefits. Include a sign-up form or link to an online booking system.
Contact Us: Provide contact information for the sports complex, including address, phone number, email, and social media accounts. Include a contact form that visitors can use to send a message.

Use multimedia (such as photos, videos, and graphics) to enhance the user experience and showcase the sports complex.

Make sure your website is easy to navigate, with clear calls-to-action that encourage visitors to sign up for memberships or register for events. Test your website to ensure it is responsive. You can visit https://www.brandeisjudges.com/landing/index to get some ideas and contents.

Note: You don't have to simulate the Brandeis Sport Complex exactly as it is in Brandeis Sport Center. For example, if there are a lot of services, facilities and programs then you can simulate at least three important ones if you think it is hard to cover all.

Assignment submission guideline:

This assignment is on GitHub and those who filled their GitHub accounts are invited to collaborate to their group projects. Steps that you may take to collaborate on your group project:

1. Once you received the invitation for collaboration, accept it by going to your email or GitHub account. This will take you to the assignment repository in GitHub.
2. Clone the repository to your local machine using Git in the command line. To do this, go to the repository page on GitHub and click on the "Code" button. Copy the URL of the repository. Open a terminal on your local machine and navigate to the directory where you want to clone the repository. Run this command: *git clone <repository URL>*
3. This will create a local copy of the repository on your computer.
4. Make changes to the code and commit them locally using Git.
5. Push the changes to the remote repository on GitHub using the Git command line. You will need to enter your GitHub username and password to do this.
6. Submit a pull request for reviewing and merging your changes into the main branch of the repository.
7. Repeat steps 4-6 as necessary to continue collaborating on the repository.

Assignment will be graded based on:

Your performance within a group will be evaluated individually, so everyones' equal engagement in finishing the assignment is expected.
Your website will be evaluated based on the following criteria:

1. Content: Is the website's content informative and relevant?
2. Design: Is the website visually appealing, with a clean layout and attractive graphics?
3. Navigation: Is the website easy to navigate, with clear calls-to-action and intuitive menus?
4. Multimedia: Are multimedia elements used effectively to enhance the user experience?
5. Responsiveness: Does the website load quickly and display correctly on different devices?
6. Search Engine Optimization: Is the website optimized for search engines, with relevant keywords and meta tags?
7. Do your codes come with proper comments
8. Overall Quality: Does the website meet the objectives of the assignment and provide a positive user experience?

Submission deadline:

There is no late submission chance/bonus for GitHub assignments, so please make sure to push your final changes before the due date on Latte.