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IGME 430

21 November 2021

Final Project Milestone Documentation

Endpoints

/getToken

Supported Methods: GET

Query Params: N/A

Description: This endpoint gets the csrf token.

Supported Return Types: JSON

/getTeams

Supported Methods: GET

Query Params: N/A

Description: Gets all created teams in the database.

Supported Return Types: JSON

/login

Supported Methods: GET, POST

Query Params: Username and password

Description: Logs the user in.

Supported Return Types: JSON

/signup

Supported Methods: POST

Query Params: Username, password, and a second password (matching the first)

Description: Creates a valid login and logs the user in.

Supported Return Types: JSON

/logout

Supported Methods: GET

Query Params: N/A

Description: Logs the user out.

Supported Return Types: JSON

/maker

Supported Methods: GET, POST

Query Params: The new team’s name, size, and leader name.

Description: Makes a new team.

Supported Return Types: JSON

React

React is mainly used to display forms, inputs, and data into the Handlebars. Examples include the form to create a new team as well as the list of created teams.

Data

This project utilizes Mongo to store two collections: one for user logins, and another to store team information. The user login collection stores each login’s username and password, each as strings with the password encrypted. The team collection holds the team’s name as a string, the team’s size as a number, and the team’s leader as another string. In the future, as I describe below, I may include another collection to store unassigned team members. The data stored in this collection would likely only be a string for each member’s name.

Handlebars

I am using Handlebars primarily for the login and main app pages.

Next Steps

I need and want to do a lot of work on this project. Although I have removed all references of domo, it still looks and functions too much like DomoMaker D or E. I wish to implement several features in the final product. First, I want to add the ability to change your password once you are logged in. This is a feature you are requesting in everyone’s projects.

I also would love to add a feature to create a list of team members. This would be included in the creation of a team, either as a required parameter or an optional one that can then be added later. Another implementation option would be to form a separate list of team members and then having the ability to add people from the team members list to a specific team, thus removing them from the “unassigned” members list.

A smaller, yet important goal of mine is to revamp the overall look of the page. For one, I want the app to appear less like a copy or built-upon DomoMaker. Secondly, a different layout and design would pair better with this different functionality. In this milestone, I have changed the image assets and color scheme, but I wish to further change the app’s overall design.