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IGME 430

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Final Project 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

/update

Supported Methods: POST

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

Description: Updates the account’s password

Supported Return Types: JSON

Use

This site is called Team Maker. It can be used to create a list of teams that include the name, size, and leader of the team. This app can be used as a generic group builder, from intramural sport teams with a captain, to field trip groups with a chaperone. It is useful for visualizing a list of groups.

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 for the login, main app, and update password pages.