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CRC Cards

Class Name: Group

Subclasses (if any): Courses, Clubs

Responsibilities

• Stores users as members
• Stores its own information
• Will store posts related to that group

Knows commenting userKnows commenting time

Replies

Architectural Diagram

App.js - the page with properties applied to all other pages (e.g. navbars)

Left_Navbar - part of the Navbars

Top_Navbar - another part of the navbar. Users can navigate to club creation, user search pages etc

Search_bar.js - component responsible for searching functionality. Gets as props placeholder value and the function, which will run when the form is submitted

Club-list-search-interface - wrapper component for searching for posts. Adds functionality of searching clubs by tags or club names. Gets a function as a prop to change the state of the father component

User-list-element.js - component responsible for styling user data

Users-list.js - component for rendering users, returned by Search_bar.js

Clubs-feed - component, which renders all posts and does the filtering for them (Comment: later will be done using another endpoint)

Clubs-post - component, which takes props of data from the Model and applies styling to it. Used in Clubs-feed component

Clubs-list-component - gets and renders all clubs in the Model and allow them to access that specific club page

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Create-club-component - creates club by values passed from the user (Comment: not yet implemented)
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Edit-club-component - allows user to edit chosen club if the user is club owner (Comment: not yet implemented)

Post-create-component - allows users to create posts that have can have vary properties like if the post is public or private, if it is an announcement, etc

Club-Page-Component - Allows users to see all posts for the specific club they accessed. Only the Owner of the club will be able to see the form to submit a Post for that club (The owner is hardcoded as it depends on User Sessions)

Login_component - Allows users to login (and be redirected to the home page) if the valid username and password is provided. Will return an error if invalid username or password is provided.

The backend endpoints do what their name says (except for /:id's ones, they can get and delete data, depending on the request type)

Another assumption made about our document is that it is assuming you are using our default database which is:

ATLAS_URI=mongodb+srv://Manager:ManagerPassword@cluster0.mc9b6f1.mongodb.net/?retryWrites=true&w=majority

And it should be located in .env which is inside the setup/backend folder

We are using a Three - tier architecture ->

https://en.wikipedia.org/wiki/Multitier_architecture#/media/File:Overview_of_a_three-tier_application_vectorVersion.svg

A picture can be found on next page

