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## **CRC Cards**

Class Name: Group

Subclasses (if any): Courses, Clubs

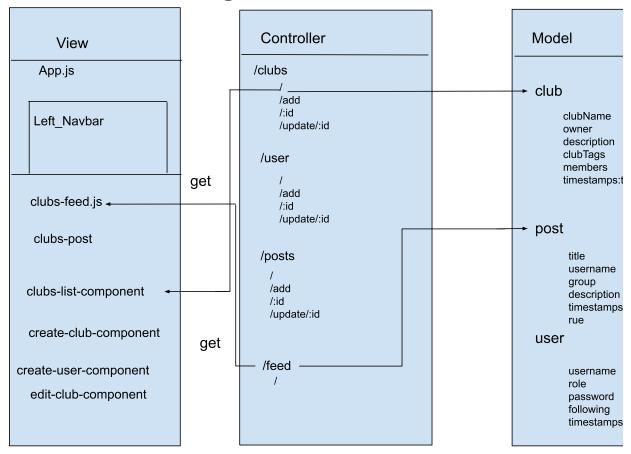
Responsibilities

• 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 (
Comments:
will break later for more of them
)

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

Create-club-component - creates club by values passed from the user (Comment: not yet implemented

```
)

Edit-club-component - allows user to edit chosen club if the user is club owner (
Comment: not yet implemented
)
```

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

\*View interactions with Controller made by components (they are not exactly same as plain functions), because this is how ReactJS is structured: all code is broken by some components. Controller is made using Node and ExpressJS. It is done according to REST API principles with some ExpressJS specifics (organizing some common routes in separate files so that the code is organized)

Model is implemented using Mongoose Schemas. Controllers can import them and access data, when the View sent the request

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

The summary is: View just sends requests to the Controller, which has access to the Model