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# Information Management Group

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## Last Date of Submission: 20th March 2021

## Fan Clubs Portal

### OVERVIEW

With not much to do amidst the lockdown, most of us have sought solace in Movies and web-series. And many times, some character (be it real or fictitious) catches our eye, and we cannot help but become their die-hard fans. This winter, we want you to create your own online Fan Club Portal for every loyal fan out there (and of course for you). In this App, Users can create a chat room for any movie/series they like which can be followed by other fans logged into the portal.

### GOALS

1. After logging in, the Home page directs the User to the list of chat rooms he follows. Clicking on a certain chat room redirects the User to another page displaying the chat messages and the chat room members. The User can also create a new chat room by providing the Title, optional display picture, and a short description of the chat room. The creator plainly becomes the Admin of the chat room. These are just the basic requirements. Go rogue, improvise! Add any exciting features you want, design it the way you like. Your imagination is the limit!
2. A link (possibly a navbar design) that redirects the User to the All Fan Clubs Page that lists all the chat rooms ever created. The User may follow any chat room and can then become its member.
3. Users can share text messages and images in the chat rooms. The messages should have the date and time of posting displayed alongside them. Only the Admin should have permissions to edit the chat room title and other fields.

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4. All Fans registered must have a profile page displaying their username, hobbies, etc. All the chat rooms must have an option to show all the members, and they must be re-traced to their profile page on clicking them.
  5. There must be a login page. You may proceed with any of the following things to enable the login feature:
    - Ask for a unique username from the User through which he can access his profile. (Not so secure)
    - Add a sign-up and a login feature (with a password) to store the user information. (Brownie Points)
    - Integrate the login feature with Google using OAuth. (Brownie Points)

## Brownie Points

1. A leaderboard to keep a record of the top fans based on their App's activity.
2. Integrate real-time updating, i.e. synchronization of messages without reloading the chat room page. (You can use WebSockets or Ajax for that)
3. The Admin of the chat room can assign other fans the role of admins of the room.
4. Unread messages in a chat room could be highlighted in a way the User can see.

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## I have a question! What to do?

### Ask!

We at IMG are here for your help throughout your development from a learner to a web developer. Just ping us at any point if you are stuck, we surely like to stick to the motto.

“ Help will always be provided to those who ask for it.”

**Remark:** Post your queries on the [discord server](#). We would be really happy to see your progress. Even if you are not able to reach the end, what is more important, that you learned something new and that is all that matters to us. We look for talented developers/designers like yourselves who have a constant desire to learn and grow, so submit your code to us via GitHub link for a public repository and if your hard work reflects in your code, you may get a chance to directly appear for the interviews in the recruitment. We will release the submission form on our recruitment site and social pages soon. Keep following.

May the Force be with you!

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