CS4530 Final Project: “HuskyFlow Communities”

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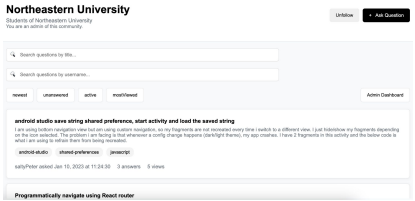
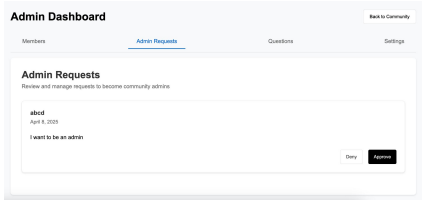
Our Feature: Communities

In the original release of HuskyFlow, users can pose questions and propose answers to other users. With its diverse content, it can be difficult for users to easily find content relevant to them. HuskyFlow also lacked the ability to moderate the quality of content being posted, allowing users to potentially post content that derailed discussions.

We developed a new feature for our project: **Communities**. Communities are spaces where questions related to specific topics can be found in one place. With this addition, users can create communities to facilitate discussions on a specific topic. While all users can view the content of a community, to post in a community that user must be a member. When creating a new community, the creator automatically becomes the admin, allowing them to moderate content by flagging users who post distracting or negative content.





Future Work

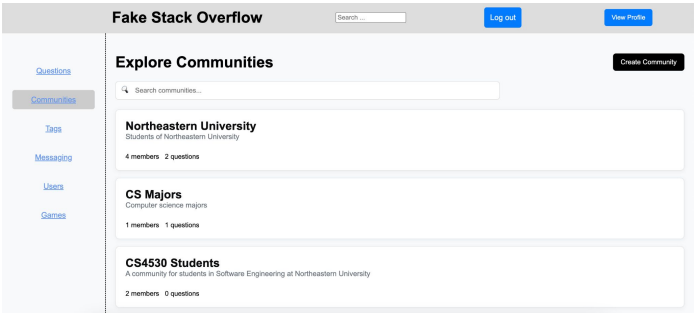
A potential enhancement would be adding a content recommendation system that suggests communities to users based on their interests and past activity. Additionally, expanding question and answer capabilities to include rich media support would improve the user experience.

Tech Stack & Design

While we did need to implement a lot of the functionality for communities on our own, some of the existing code (question lists, answer pages, comments) was expanded upon to support our new feature.

We added a new collection to the database to store information about communities, updated the question schema to allow for relationships with communities, and updated the comment schema to set up threaded comment functionality. We also added a new collection to store requests from users to gain privileges within a specific community.

Users can search through a list of communities, follow them, become admins, flag other users for violating guidelines, and ask/answer/comment on questions within communities they follow. Admins can view, approve, and deny other users’ requests to become an admin or be unflagged from a community.



Demo

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