

CS4530 Final Project: </CoderClub> by Group 506

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About the Project

- <Coder Club/> is a place where developers and people in the Programming space can come together, learn, interact and compete! We have stocked the website with many community engaging features such as leaderboards, custom profiles, badges along with admin and safety features to keep the platform unharmed for users. Namely, the safety features include Firebase connection, CSRF tokens and moderation features for admins such as admin notes, banning and managing reports of users.

Demo and Source

- Our live site
<https://fall25-project-group-506-frontend.onrender.com/>
- Our code
<https://github.com/neu-cs4530/fall25-project-group-506>

Our Tech Stack + Design

- In terms of tech, we built off of the existing FakeStackOverflow repository that was made with React and TypeScript with a Mongoose Database, and we kept this combination. Instead of opting for the recommended pre-built React components, we styled our own from scratch to create a fun, warm interface experience.
- CI/CD was utilized this project with every push to main being deployed via our Onrender site.

Future Work

- Something we would like to do is gutting the codebase of all the extra code that suited the FakeStackOverflow application. We took </CoderClub> in a different direction, and found that the existing code often held us back and made expansion difficult. This gutting would allow our code to be cleaner and allow the code to be absolutely custom for </CoderClub>.

