

Cs 4530 Fake Stack Overflow

Our Feature: Chat + Security Upgrades

Chats were rather bare bones so we added common well beloved chat features

- Editing messages
- Deleting messages
- Group messages
- Blocking Users

We've added some security measures. Passwords are hashed. You cannot view other people's messages unless authorized. And you can not send messages on behalf of another person.

Technology Stack & Design

[Express.js](#) and [React.js](#) are the core of the technology stack with a mongodb database. Makes designing web APIs and UIs a breeze.

Was able to support all new features. By adding simple web api endpoints. And add background improvements such as secure password storage

Site:

<https://cs4530-f25-709.onrender.com/messaging/direct-message>

Repo:

<https://github.com/neu-cs4530/fall25-project-fall25-project-group-709>

Future Work

Improved UI/UX such as icons for editing and deleting messages
Expand the improved authentication to other parts of the web-api. To deny access to user data that should be private.
Reporting Users who violate the code of conduct.

Chat Participants: cat, typescriptfan

The screenshot shows a chat window with a message from 'cat' sent '13 seconds ago'. The message text is 'hi dude'. To the right of the message are 'delete' and 'edit' buttons. Below the chat window, the current user's name is 'Username: user234' and there is a 'block' button.