

CS4530 Final Project: Grub Gurus, a recipe sharing platform

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Our Feature:

Our project, Grub Gurus, is a food-focused recipe-sharing platform that combines StackOverflow-style Q&A features with social media elements. It aims to create a centralized space where users can save recipes, ask and answer cooking-related questions, and plan meals. A scrollable feed allows users to engage with posts in a social format, including the ability to embed YouTube videos to showcase full recipes or specific cooking techniques, making the platform both informative and interactive.

Our technology and Stack:

We implemented the posting feature in the existing StackOverflow codebase. Our tech stack includes a React frontend styled with Material UI (MUI) and custom React UI components, a Node.js/Express backend, and a MongoDB database using Mongoose for data modeling. We use Socket.io for real-time updates, and Jest with for backend testing.

Our continuous integration pipeline runs an automated test suite on the frontend and backend components, and then deploys the site using Render.

Future development could expand the collaborative aspects of the platform, such as enabling group meal planning through a shared calendar feature where invited friends can add or edit recipes.

Additional enhancements include allowing users to edit or delete their existing posts and recipes for better content management. We also envision extending post functionality to support multimedia uploads—such as photos, videos, and other files—from a user's device, enriching the recipe-sharing experience and increasing engagement across the app.

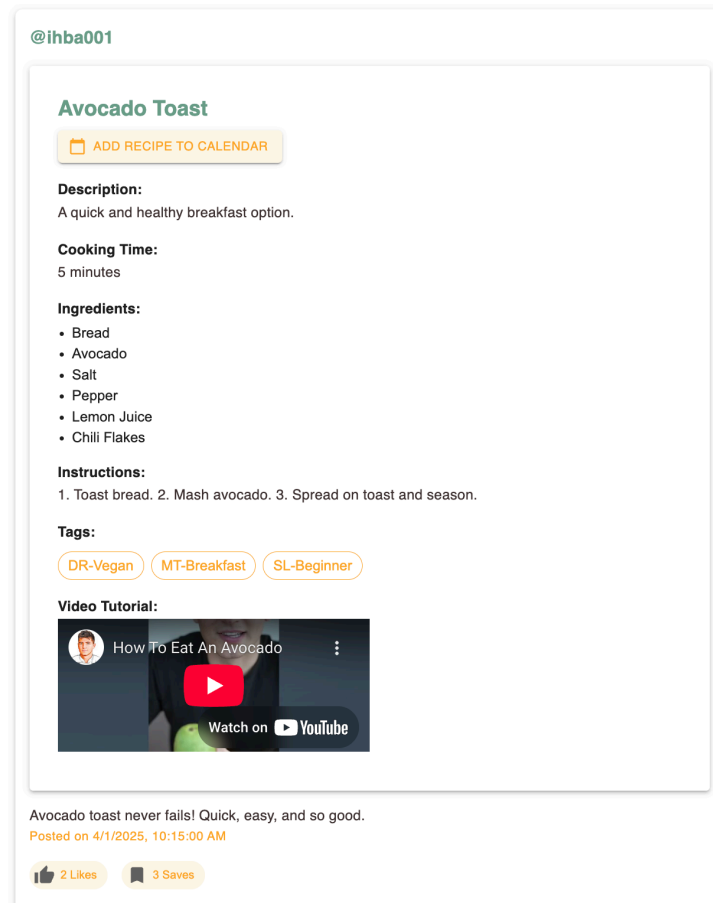
Demo and Source:

Our demo site is available at:

<https://cs4530-s25-206.onrender.com/>

Our code is available at:

<https://github.com/neu-cs4530/spring25-team-project-spring25-project-group-206>



A post includes an option at the top to add the recipe to your calendar, followed by tags displayed near the bottom, and buttons to like or save the post at the very end.