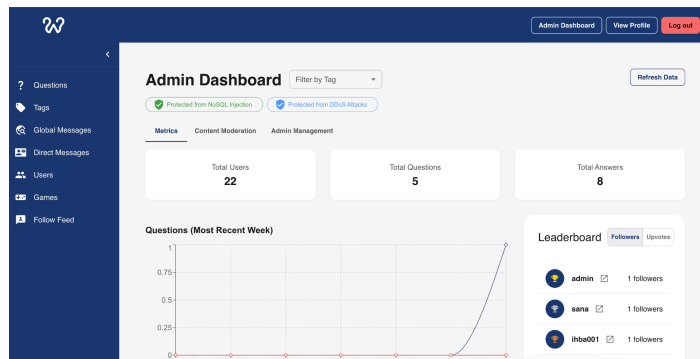# CS 4530 Final Project: Wonderly

Group 511: Horace, Evan, Kevin, Mert

Our Feature: User Safety and Verification

In the original release of FakeStackOverflow, users were susceptible to many different types of malicious acts - spam, profanity, misleading information, the list goes on. Our features aim to help improve the trustability, safety, and verification behind other users and make the general StackOverflow forum-esque platform much more reliable.

We integrated RBAC and an Admin/Moderator privilege environment, allowing admins and moderators to do what they do best - moderate. This includes a whole new dashboard for them to view site statistics, graphs, and filter posts by profanity in case they were extra harmful.
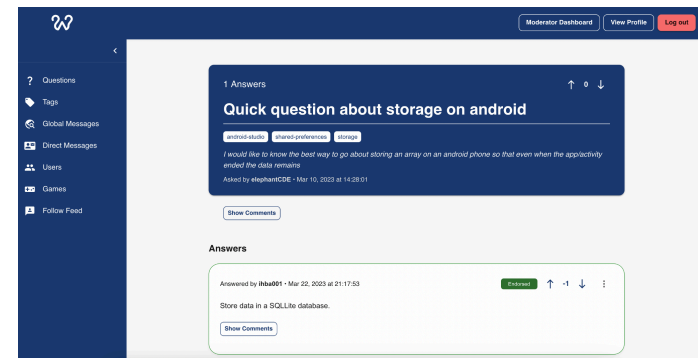

Admin Dashboard with Question & Answer Graphs, Leaderboard, and Site Statistic

Demo and Source

Our demo site is available at https://cs4530-s25-511.onrender.com/ and our code at https://github.com/neu-cs4530/spring25-team-project-spring25-project-group-511

Our Technology Stack & Design

Our technology stack consisted of Typescript, React, Express, and MongoDB following the typical MERN stack. For the backend, we created new routes to handle voting, filtering, and admin privileges. One key architectural change was the introduction of middleware for JWT-based authentication. This allows us to secure endpoints and ensure that authenticated users stay logged in even after page refreshes.

On our front-end, we ensured consistency in styling and UI/UX across the application, revamping the entire UI to be more flashy and unique.

Future Work

Some future ideas will be to flesh out many small details and features that we noticed during implementation but fell outside of our scope. For example, one feature we wanted to implement was the ability to use SSO for certain things to enhance verification statuses.