

Tweeper (Twitter Clone) Web Application

Description

Tweeper is a web application that has most of the main functions of Twitter. The front end was created with React.js, and the back end was created with Express.js and PostgreSQL for the database.

Features

- Login & Registration
- Upload profile picture
- Feed (Tweets and retweets of following users)
- Tweet, Reply, Retweet, Like
- User profile with tweets and retweets
- Following & Followers List
- Direct messaging with any user (E-mail type)
- Search users

Nice-To-Have Features

- JWT Web Tokens for logging in and creating account
- Redis database for faster feed
- WebSocket for direct messaging
- Microservices architecture
- Redux

Conclusion

In conclusion, the feed timeline and profile speed could be improved using Redis. The components, code, and algorithms could be cleaned up. It was starting to get sloppy at the end, but I was able to create all the main features I wanted.