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Test Report

Tested the user authentication system by creating new user accounts, logging in and out, and changing passwords.

Tested the channel creation and joining system by creating new channels and joining existing ones.

Tested the message creation, deletion, and upvoting/downvoting system by creating new messages, deleting existing ones, and upvoting/downvoting messages.

Implemented unit tests using Jest to test individual components of the React application in my initial drafts.

Implemented integration tests using POSTMAN to test the API routes and database queries.

Conclusion:

The testing process helped identify and fix several bugs in the system, ensuring that it is functional and stable-ish. The combination of manual and automated testing allowed me to test the system thoroughly and catch issues in the development process.