# CryptMSG

Riley Crockett
Dylan Lewis
Alex Austin
Jacob Hawkins
Kijan Daniel

### Our Process

We set to create a secure messaging service, and we tried many different methods:

#### Peer to Peer

- Using the libp2p library implemented in Rust
- Attempted to use the Rocket framework (a backend framework for Rust)

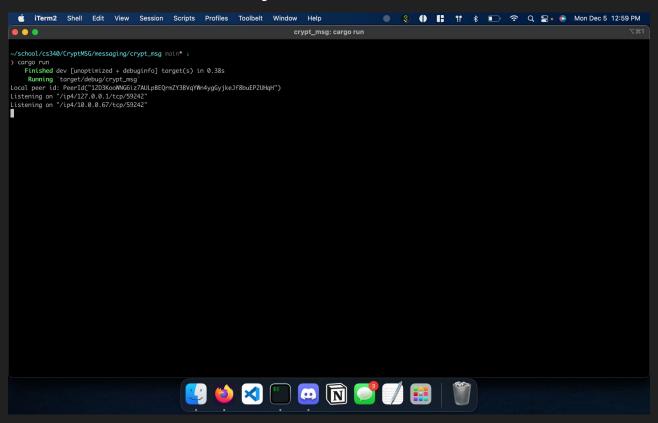
#### Firebase

- Was able to implement end-to-end encrypted messaging using the Firebase framework
- This is a framework to help developers scale applications by providing APIs for things such as user authentication and database services

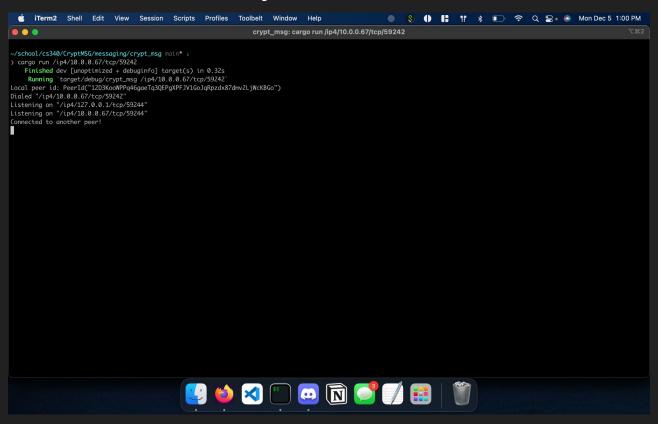
#### React

SCSS front end styling

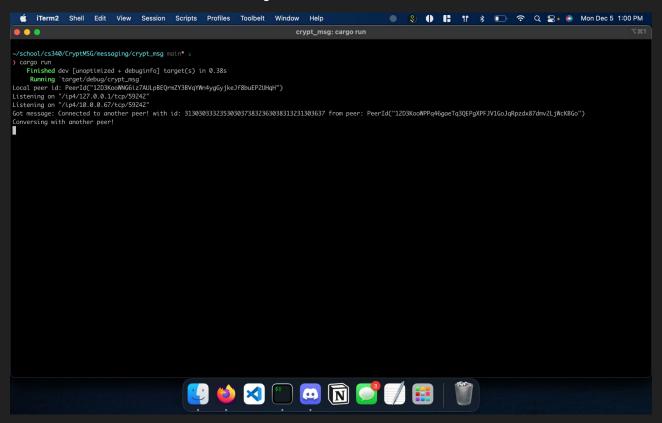
# Peer to Peer Functionality



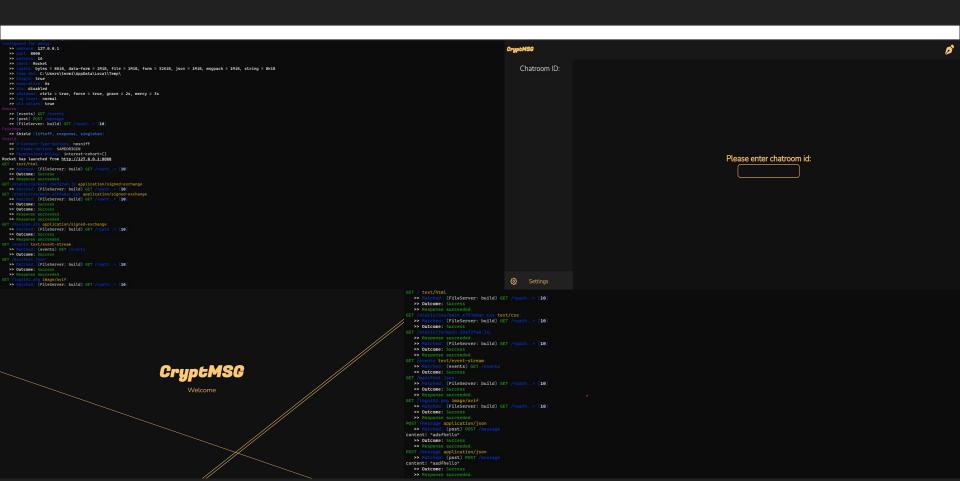
# Peer to Peer Functionality



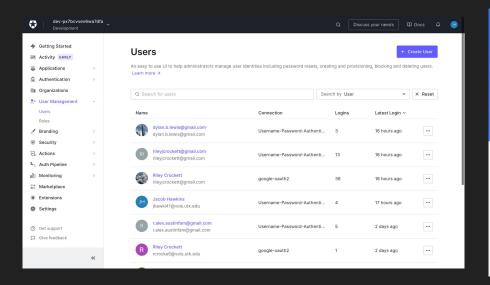
# Peer to Peer Functionality

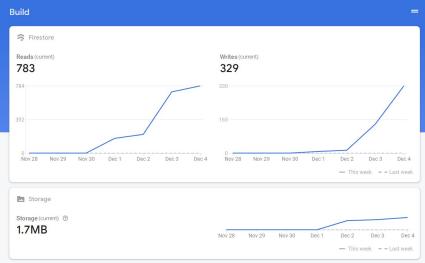


## Rocket



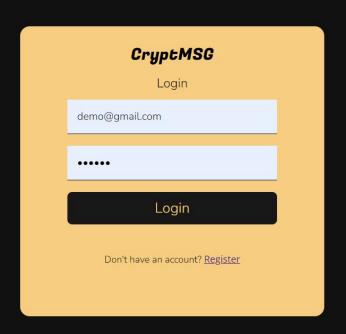
## Auth0 → Firebase





## Demo slides







Margot Robbie pls respond

