Features

1. User registration and login

* https://auth0.com/docs/quickstart/spa/react
* Configure auth0
* Install auth0 in react (npm install @auth0/auth0-react)
* Add login & logout to react application

1. Public and private chat rooms

* Create a class with an interface.
  + Methods for chat features.
  + Able to import ASCII emojis.
  + Method for text color.
* Switch method for private or public chat room.
  + Boolean that takes input from DB

1. Channel management .

* Socket io server
* Listener
* *Bot listener (listening after profanity etc..)*

1. Chat functionality, DM feature.

* Send messages
* Recieve messages
* Delete messages
* Edit messages

1. User list.

* Usernames
* User status

1. Command support.

* Method to read user messages and separate/differentiate it from normal messages and commands.
* List valid of commands
* Method to call specific command
  + Be able to run different / commands
* Method to reply response after command

1. User settings.

* Delete personal information / Account
* Change username / password.

1. Persistent data.

* Store messages
* Store reports
* Store rooms
* Store users
* Store Banned, Blocked users
* Store added friends, added rooms
* Store moderators

1. User blocking and reporting functionality.

* create a report and block button
* store user blocklist
* store user reports

1. Moderation tools rooms moderators

* See users in the room
* Kick or ban users
* Be able to see a room where all reported messages arrive.
* Promote user to Moderator
* Unpromote Moderator to user

Backlog

1. Begränsning av antal medlemmar i chattrum
2. Error handling.

* default error component that can be adapted

1. ASCII emoji support.

* import library.

1. Notifications for mentions or private messages.

* A pop up or alert that notifies the users that they have been mentioned or got a private message

1. Search for past conversations.

* Search function that is connected to the DB conversation log.