MERN chat app requirements v1.0

These requirement specifications will be short and precise, more of the focus will be on development.

# Purpose:

Purpose of this document is to simply lay out the requirements for developing a real time chat application using the MERN stack.

# Functional Requirements

1. Users should be able to make their profile, maintain anonymity any one can make a profile and only a unique username shall be required to do so. User data must be made secure. Forget password should work by asking a security question.
2. Users should be allowed to talk to anyone on the platform. Searching shall allow them to find other users by username and also view their profile.
3. The chat must be real time, user must be able to know whether the other person is online or typing a message.
4. Upon request an admin can remove a user. Admin or app management will receive reported users, and will decided whether to remove them.
5. The app shall allow users to share pictures.

# Non-Functional Requirements

1. Passwords must be hashed before saving on the database, a secure user session must be created by storing json web tokens for each session as browser cookies.
2. The must work in all scenarios. It shall be reliable.

# App Name

For the lack of creativity in naming things, I am naming it crisp chat. I know, it sounds cringe but that’s not the point. Let’s build the mockups shall we.

Later Versions

1. Group chat functionality.
2. …I doubt it, if I build a chat app it will be new