The Problem

- Distractions, a huge problem within work environments.
- Productivity, what is wanted, but hardly achieved.
- Taking a quick break, hanging out with others.
- Meeting new people.
- How can we provide people to be connected to others while having fun at the same time as well as a place for work?

Base: Chat Client

IRC Style - Usernames, private messages, etc.

Over port 443 (HTTPS) - not 6667, the default for IRC.

Accessible behind most any router and with most any browser.

Various 'rooms' lead to different implementations for different things.

Implementation: Game Room

Game Room
- Users:
  - User Account
  - Anonymous Guest Login
- Spring Boot provides Authentication classes
- but, anonymity is a growing trend (logins are annoying)
- We can utilize Open Source game code
- Chess, Checkers, Connect Four, etc.

Implementation: CPP Study Chat

CPP Library Flash Study Chat
- Cal Poly students in the library can navigate to this app and see who in the Library is studying/working on what homework for different classes to get study help
- Meet new classmates in a flash, no need to have their contact info (Phone Number/Facebook) to link up and groupstudy with them in the library
- Very simple, clean, and pretty web app

Conclusion

We are planning on designing and implementing a solid yet expandable chat client.

Potential Features
Games
Private chat rooms/conversations
Use anonymously or login
Find study partners, your group, or just classmates