

# CSCI 3308 Milestone 1

**Team Number:** 08

**Team Name:** Team T33am

**Team Members:** Sam Basile, Maya Greenstein, Jordan Anderson, Zhanchao Yang, Max Page

**Application Name:** Draw Chat™

## **Application Description:**

Draw Chat™ is an exciting social experience that will allow users to draw pictures back and forth with their friends. The application will have a group chat-like format where users will enter themselves into groups with other users. Once the group is formed, one member will be prompted to draw something from a list that we will provide. They will attempt to draw it, and then send the image to the other members of the group.

Once the other members receive the image, a time will start and they will input what they believe the prompt was. Users will continue inputting a guess for the prompt until either someone guesses correctly or the timer runs out. If no one guesses correctly before the timer runs out, no reward is given. Otherwise, the first member to guess correctly will receive a reward. Subsequently, the next user will receive the next prompt, and the process will repeat. Once one user reaches a threshold point value, they will be crowned the winner, and the game is complete.

## **Vision Statement:**

Our vision for this project is to create an entertaining virtual community space. This environment will consist of a game of pictionary in which one player can draw a given word and the rest of the players will compete to be the first to guess what is being drawn. We believe this fast-paced environment of interacting players will incubate intimate connections for our users.

**Version Control:** [CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-015-08](#)

**Development Method:** Waterfall-style ordering of stages (planning -> development -> testing etc) but use agile within each stage. [Jira Link](#)

**Communication Plan:** Use Discord to communicate with each other. Use the Discord text chat for simple information or questions and if we need to have a voice meeting

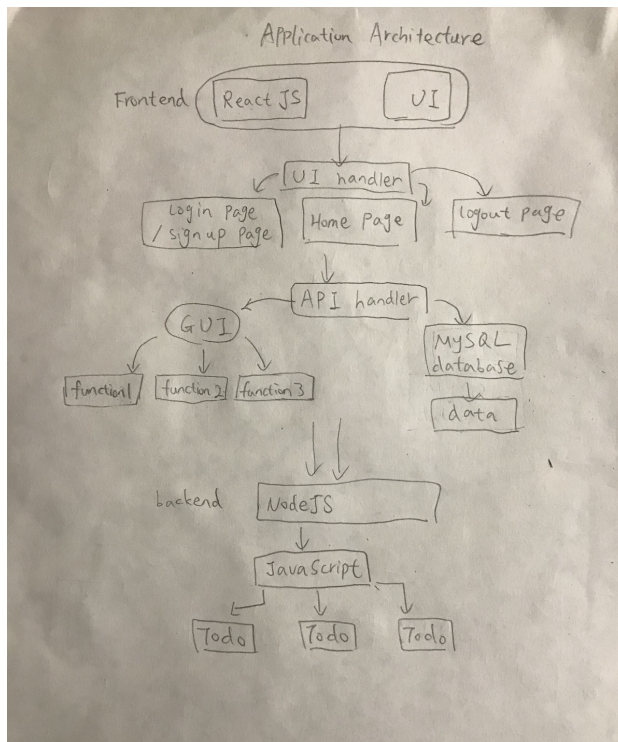
use the Zoom link for the group meetings. We have a backup GroupMe in case someone is unresponsive but Discord should be used otherwise. Short communications can be done over Discord text chat, such as simple questions. But longer communications should be done over a Discord voice call.

### Meeting Plan:

- Meet with Cory from 10:30-10:45AM on Mondays. [Zoom Link](#).
- Group meeting from 10:45AM-12:30PM on Mondays. [Zoom Link](#).

### Proposed Architecture Plan:

Preliminary architecture diagram sketch:



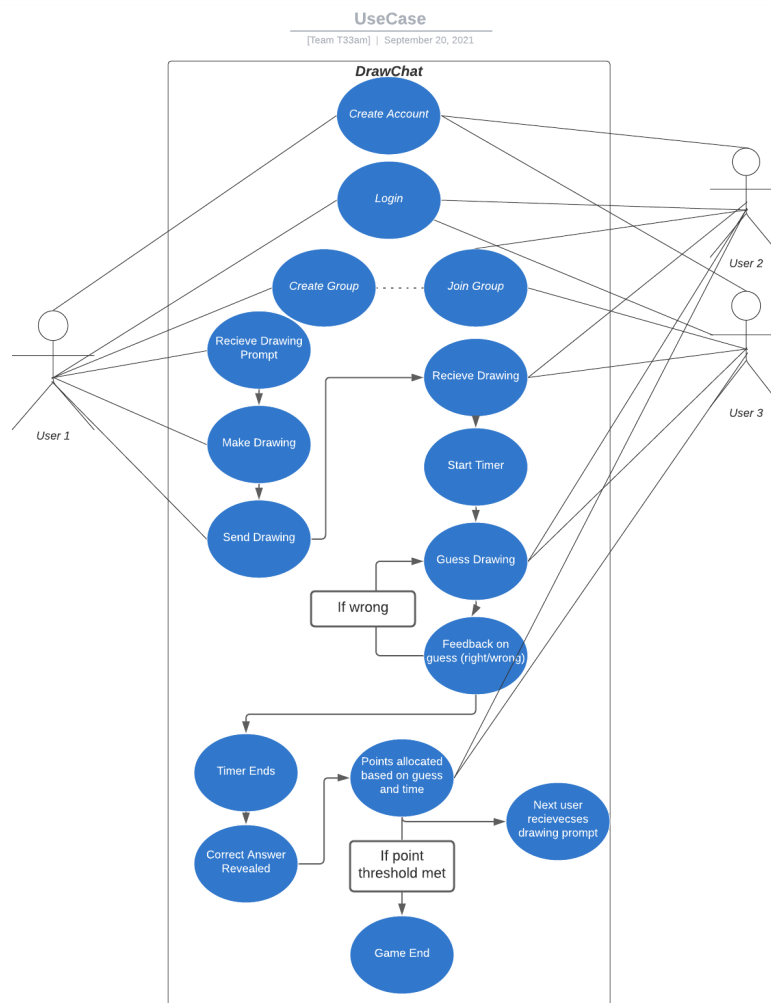
Instead of JavaScript backend use TypeScript to make it easier to write and integrate with react

Frontend: React

Middle: Node.js

Backend: Typescript

### Use Case Diagram:



**Frontend:** Sam, Maya  
**Backend:** Jordan, Max  
**Integration:** Zhanchao