Draw Chat™

CSCI 3308 Milestone 7

Team Number: 08
Team Name: Team T33am
Team Members: Sam Basile, Maya Greenstein, Zhanchao Yang, Max Page
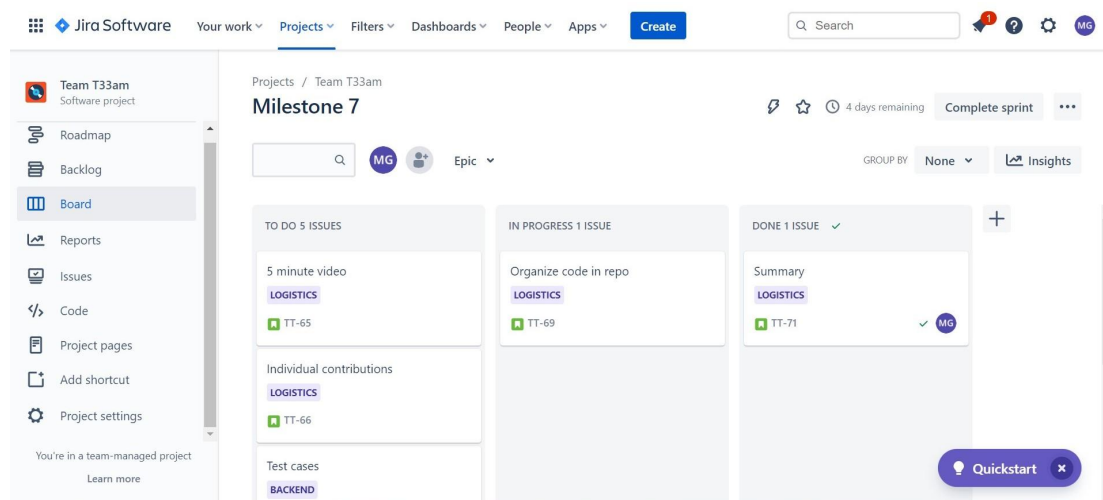
Project Description

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 kahoot-like format where users will enter themselves into a game with other users. Once all users join the game, and indicate that they are ready to begin, one member will be prompted to draw something from a list that we will provide. The other users will receive updates of the drawers drawing every one second, and be prompted to keep guessing until they guess correctly or the 30 second timer runs out.

If a guessing user guesses correctly, they will receive a score based on how long it took them to input the correct answer. Once the timer has run out, all users will be brought to a page where they are asked if they would like to play again or end the game. Should they select to continue the game, they will be brought back to the start page where all of the users will be displayed. When they begin again from there, a new user will be given the drawing responsibility. Otherwise, if they select to end the game, they will be brought to a page that will display the scores of all of the users.

Project Tracker

Jira - https://csci-3308-fall21-015-08.atlassian.net/jira/software/projects/TT/boards/1

Video

https://drive.google.com/file/d/1n1i8HFiSpM4AdeUbUSbeKumhyt46Ssfy/view?usp=sharing

Version Control System

GitHub - https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-015-08

      ** Final working version of the project exists in the 'Source Code' folder

Contributions

1) **Maya Greenstein**

   I served as the project manager for this project assigning tasks to different people, updating the jira, and just making sure everything got done. For the project development I did a lot of the preliminary design of what the UI would look like. I then implemented that in the home and user start pages, as well as adding the backend code to get and pull things from the database.
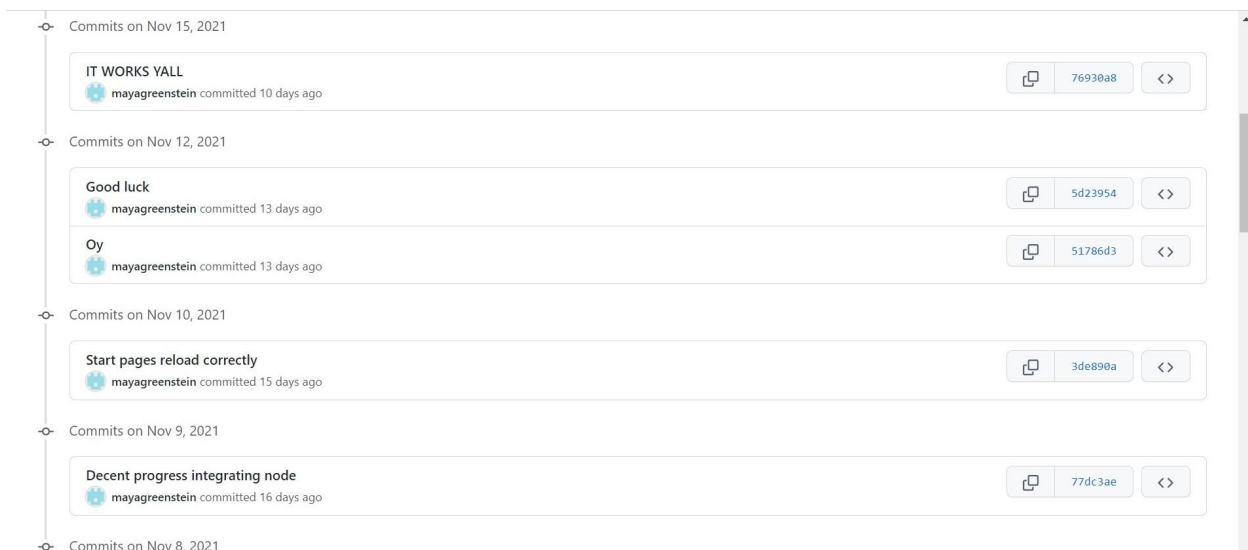
2) **Max Page**

   I was tasked with the back-end aspects of the project. I focused my efforts on writing sql and implementing the guessing feature. I helped fix the transitions between pages when it came time to implement all of our work together. I also wrote up our test cases in java at the end of the project.

max test_cases
bpage203 committed 32 minutes ago
56f3c38

max 11/14 7pm
bpage203 committed 14 days ago
fa8a38f

max 11/14 5pm
bpage203 committed 14 days ago
89ffe8d

max 11/14 3pm
bpage203 committed 14 days ago
dde2cf6

max commit 11/14 2
bpage203 committed 14 days ago
2b0dbf3

max commit 11/14
bpage203 committed 14 days ago
d46f8b5

max end of lab 11/12/21
bpage203 committed 16 days ago
16ee3d6

max 11/12/21 2
bpage203 committed 16 days ago
c638960

3) Zhanchao Yang

My task is to be responsible for part of the front-end aspect of the project. I spend time writing nodejs and javascript. Used in the integration part, I helped connect the pages between html and javascript, so that the variables would not change.

guess correct, open correct html
zhanchaoy417 committed 16 days ago
Verified
3cfcc36

timer and guess v2
zhanchaoy417 committed 21 days ago
Verified
0a66a82

timer and guess
zhanchaoy417 committed 21 days ago
Verified
d66db28

Preliminary challenge
zhanchaoy417 committed on Oct 29
Verified
ef296e3

Add files via upload
zhanchaoy417 committed on Oct 18
Verified
177cca0

Zhanchao integration research
zhanchaoy417 committed on Oct 1
Verified
885c3cc

4) Sam Basile

I built the entire drawing screen in React with all of the tools, color palette, image exporting. I developed the get/post endpoints for saving and retrieving images where the server serves files from AWS S3. (From canvas branch)

Deployment

Heroku - https://draw-chat-csci3308.herokuapp.com/