

Project Milestone 2

Team 1

Project Features List:

Game Features:

1. Title: invite friends
 - a. After logging in, the IO game can allow players to click “share/invite,” and allow players to invite friends to join them. The invitation can be a website link, and can be copied, so players can send it via text or other social media.
2. Playing: game mechanics
 - a. Once you’ve started the game and invited other players you will be directed into a browser-sized map where all players are shown in the form of a tank. After a countdown, players will be free to use the arrow keys (WASD) to move their vehicle, and mouse to direct their tank’s gun. The goal of the game is to collect power-ups and use them to fire upon and kill opposing tanks. The last man standing wins the round.

Web-Browser Features:

1. Aesthetically pleasing design that is easy to navigate and allows users of all skill levels to find controls and other game features.
2. Leadership board that provides real-time updates on who is winning/has the most points.
3. Login and/or create user to access the game
 - a. Be able to change username

Backend Server Features: Server built on Express for Node.js

1. Once the game page has loaded, ensure the user is able to connect to the server.
 - a. If unable to connect, throw an error message.
 - b. Once connected, show the menu to allow editing of game settings/inviting other players.
2. Download all the information required to play the game from the server
3. Once the game has started, the user needs to be able to see any updates that happen in game according to game mechanics.
4. Keep the game updated according to the players’ new information.

Requirements:

Complete on Jira

Jira Link:

<https://csci-3308-spring21-013-1.atlassian.net/jira/software/projects/C01/boards/1/backlog>

Project Plan:

Jira is our main source for project planning. We are taking advantage of Jira's planning software to organize our plan.

Jira Link:

<https://csci-3308-spring21-013-1.atlassian.net/jira/software/projects/C01/boards/1/roadmap>

- Jira has a "Board" feature that organizes our user stories for each sprint.
- We've organized our features into epics to break down our workload.
- Jira also has a roadmap feature that visually indicates what features are to be finished by when.
- We have assigned each user story to smaller groups we've broken into, so we know who's working on what feature.

Wireframes & Design:

use HTML and CSS to implement

...

share
get link
instagram
facebook

Welcome to

Demo

Register

Log In

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...

Demo

register

Username :

Password :

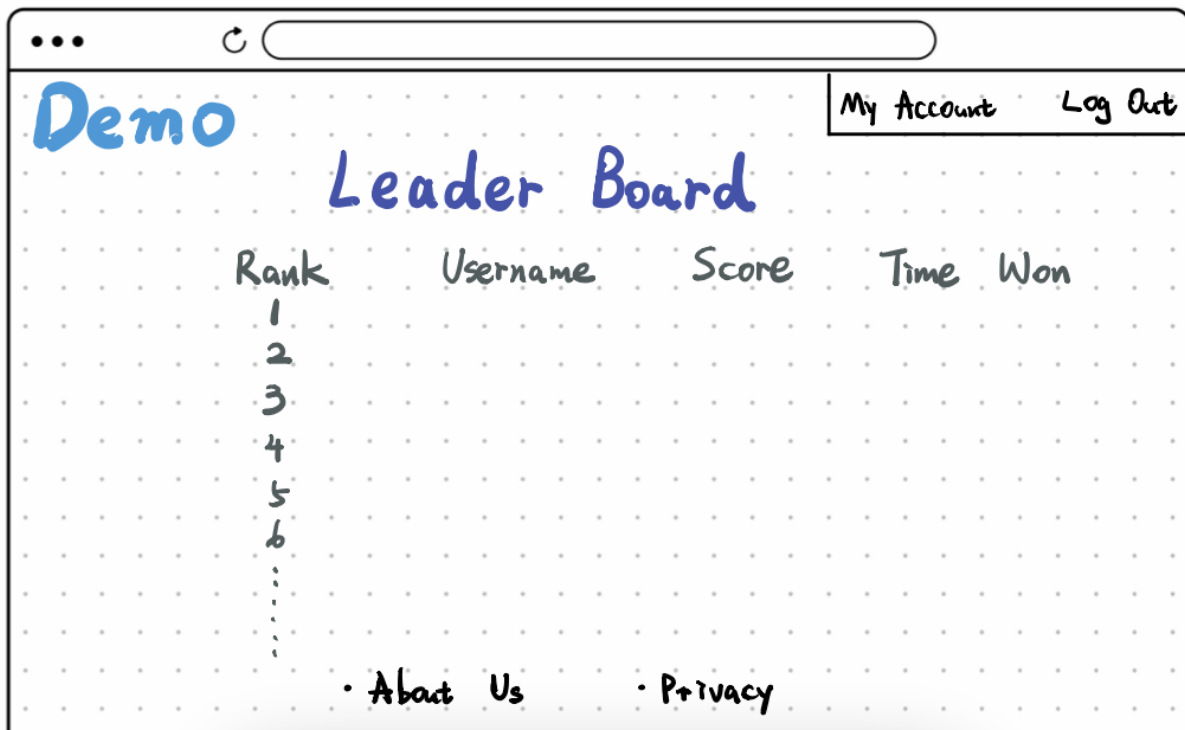
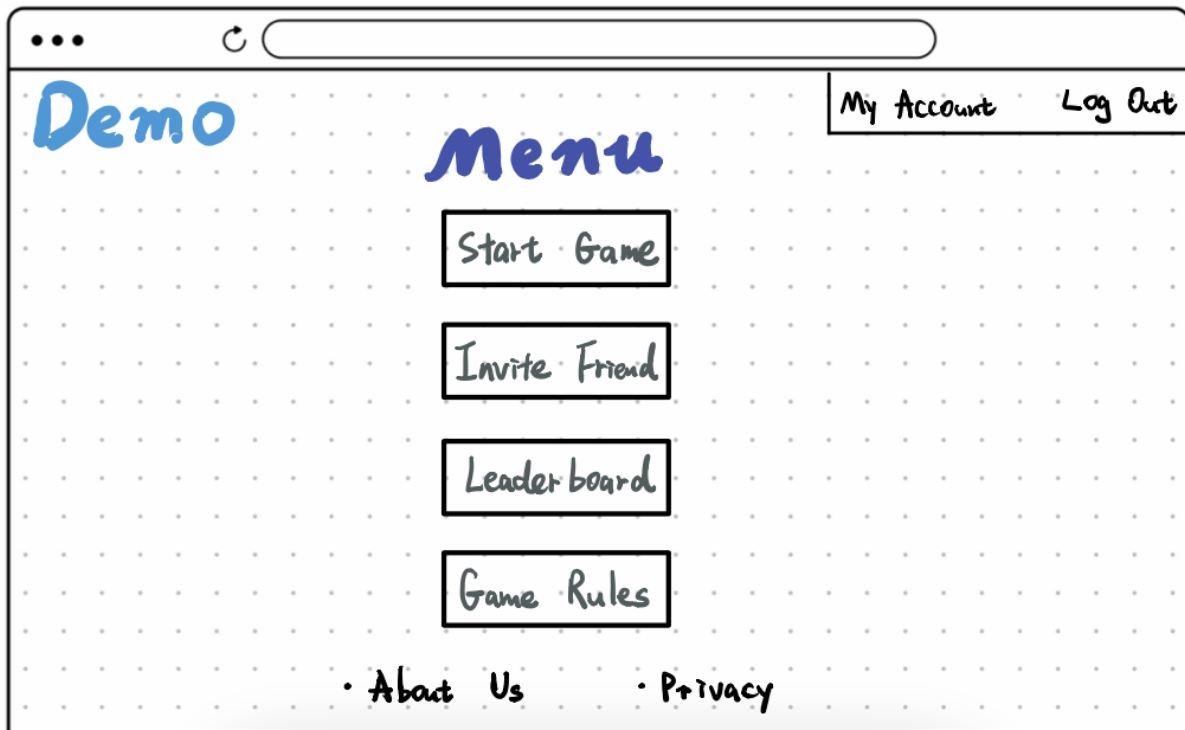
Confirm Password :

Age :

Submit

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Individual Contributions

Ziwei, Zoe and Sam are working on the front end of the website, and Benny, Aiden, and Junyu are working on the back-end and the game mechanics for the website. Each task will be divided and assigned to each team member on Jira.

Link to GitHub commit:

https://github.com/CSCI-3308-CU-Boulder/3308SP21_section013_1/commits/master

Link to project management board:

<https://csci-3308-spring21-013-1.atlassian.net/jira/software/projects/C01/boards/1/roadmap>