

Sprint 3 backlog

Product Owner: Tianyi Chen (tianyic1)

Participants: Yuanyuan Dong (ydong1)

Overall Goal

The goal of this sprint is to deploy and refine the game, so that it would be highly accessible, robust and can provide smooth gaming experience.

Feature 1: Game Deployment and Tuning

Task 1.1: (3 hours) [Tianyi Chen]

Deploy Redis on Amazon ElastiCache and Django Elastic Beanstalk, route Django Channel using an Application Load Balancer.

Task 1.2: (2-3 hours) [Tianyi Chen]

Test the Pad sending period on the deployed environment to tune the best sending period.

Feature 2: Client Side Rendering Smoothing

Task 2.1: (2-3 hours) [Yuanyuan Dong]

Figure out the jittering bug for pad rendering.

Task 2.2: (3 hours) [Yuanyuan Dong]

Test on the deployment environment (if ready) to see if needed to do smoothing.

Feature 3: Game Logic Refine

Task 3.1: (2-3 hours) [Yuanyuan Dong]

Implemented client side socket handling logic for game start, pause, end and score display and state configure.

Task 3.2: (2-3 hours) [Tianyi Chen]

Test with the game configuring logic for robustness.