



T14 P5

Stage of Development: Forming

Presentation

Our team is building a game platform for playing chess games online while following the Agile programming methodology. The base features of the chess platform will allow a user to create/delete an account on the platform. The user will also be able to create a chess game and invite others to play on a first come first serve basis. The user will also be able to receive and accept an invitation to the chess match. The chess match will follow regular chess rules with match saving features for asynchronous play as well as match history.

Overview

- Requirements
- Design
- Agile Development Approach
- Project Management Artifacts

Requirements

- Game configuration
 - Inviting and joining matches, user management, game history etc.
- Gameplay
 - Asynchronous or turn based
 - Automatic game ending
 - Saving and loading games
 - Chess rules
- User configuration
 - User registration/unregistration
 - User login/logout

Design

The design of this project is broken down into what we have determined to be the core principles of our system.

Domain Model

- ChessMatchEL
- MatchRecordingEL
- UserConfigEL
- ChessRulesEP
- MatchHistoryEP
- SaveGameNL
- GameEndNL
- GameInvitationNT
- InvitationHandlingNT

Agile Development Approach

Our team has been using an Agile development process to design and plan our project based on the client's desires. During the sprint, we have created user stories, CRC cards, and UML diagrams to plan the features to implement. We've held meetings to review the created user stories and CRC cards to see if there are any possible improvements or missing features to add. We have daily scrums Monday, Wednesday, and Friday during class, and meet outside of class as necessary.

Project Management Artifacts

So far our team has managed our projects through the use of Scrums. We have divided up the work for our creations of the domain models and user stories. After doing so for each we have met and came up with estimates/priorities for the user stories and done inspections on all the work we have thus far which is featured on our pages and sub-pages.