Alex Iacob

Professor St. Jacques

SWEN 261 Section 4

February 9, 2021

Defining Project Requirements - WebCheckers Product Backlog

Sign-In

- The player must be able to sign in and out.
- Player Sign-In
 - As a player, I want to be able to sign in to play a game of checkers.
- Player Sign-Out
 - As a player, I want to be able to sign out so someone else can sign in.

Gameplay

- The player plays a game of checkers using the American Rules.
- **EPIC** Start the game
 - As a player, I want to start the game so that I can play checkers.
 - **EPIC** *Make the board*
 - As a player, I want a checkered board so any I can play checkers.
 - As a player, I want there to be 12 white and 12 red checkers to distinguish myself from the opponent.
- **EPIC** Run the game
 - As a player, I want to run the checkers game so that I can play it.

• **EPIC** Movement

- As a player, I want to single jump diagonally so I can move forward in the game.
- As a player, I want to multi-jump so I can capture multiple opponent pieces in one turn.
- As a player, I want to get a king checker piece to move backward once I
 reach the opposite side of the board.

• **EPIC** *Ending the game*

- As a player, I want to be able to resign at any point in the game to move on.
- As a player, I want to win if my opponent has no more checkers remaining so I can move on.

Enhancement Feature 1

- Replay Option
 - As a player, I want the game's replay to be move-by-move, so I can review it to improve further.

Enhancement Feature 2

- Undo option
 - As a player, I want to undo my previous action so I can fix any mistakes I could have made in one turn.