User Stories:

1. As a user I want to start a 4x4 board game that has sixteen unique game pieces with four different binary characteristics – estimation: 0.5

2. As a user I want to choose game play with random starting player as either human player vs human player, human player vs AI player, or AI player vs AI player – estimation: 1

3. As a player, when it is my turn to play I want to be able to select one of the game pieces that has not already been selected for the other player to place the piece on a cell somewhere on the board that does not already have a piece allocated to it – estimation: 1

4. As a player I want to win and end the game if and when I have four game pieces in a row in either a horizontal, vertical or diagonal direction each sharing at least one of the four binary characteristics and draw if there are no longer any cells available on the board – estimation: 1

5. As a player I want to have a game play choice of an easy difficulty that wins on average no more than approximately 25% of the time when playing the game as either human player vs AI player or AI player vs AI player – estimation: 5

6. As a player I want to have a game play choice of a medium difficulty that wins on average approximately 50% of the time when playing the game as either human player vs AI player or AI player vs AI player – estimation: 5

7. As a player I want to have a game play choice of a hard difficulty that wins on average no less than approximately 75% of the time when playing the game as either human player vs AI player or AI player vs AI player – estimation: 5

8. As a user I want to only view the end game result when I choose the option of an AI player vs AI player game – estimation: 1