**Othello Test Plan**

1. The user will first download and install the game
   1. In an Internet browser, go to [www.bitbucket.com/mrtjwarren/othello/downloads](http://www.bitbucket.com/mrtjwarren/othello/downloads) and download the latest version
   2. Unzip the file
   3. Go to the unzipped folder and open the README.txt file and be sure to have the necessary requirements
   4. Go to XNAWinformReversi.exe and open the game
2. Once the game opens the user can:
   1. Start a new game:
      1. Go to the menu bar at the top, click ‘Game’ 🡪 ‘New Game’
      2. Or use the keyboard shortcut *Ctrl+N*
   2. Choose a player setup
      1. Go to the menu bar at the top, click ‘Options’ 🡪 ‘Player Setup’
   3. View Help
      1. Go to the menu bar at the top, click ‘Help’ 🡪 ‘View Help’
3. Once the game opens the user CANNOT:
   1. Make a move on the board
   2. Show hints
4. After selecting a new game (user vs. computer or computer vs. user) the user can:
   1. Click on a clickable area (a legal move)
   2. Turn on hints
      1. Options 🡪 Toggle Hints
   3. Change Player Setup
      1. *Note: This will only change once a new game has been started*
   4. Start a new game
      1. Game 🡪 New Game
         1. This should also result in a pop window asking the user if they want to start a new game
5. While in a new game the user will not be allowed to:
   1. Make a move when it is the computer’s turn
   2. Click in an illegal move
   3. Click multiple times in a single turn
   4. Click on a position that already has a piece
   5. Click off the board
6. Once the user makes a legal move when it is his/her turn:
   1. The user’s piece will be placed on the board and the correct opponent pieces will be flipped.
   2. Only the correct pieces can be flipped
7. The user may also watch a demo game (computer vs. computer):
   1. Go to Options 🡪 Player Setup and select Computer vs. Computer
8. The user may also play a multiplayer game (2 users):
   1. Go to Options 🡪 Player Setup and select User vs. User
9. The user may also play at different levels
   1. Go to Options 🡪 Player Setup and select various levels
10. The user may also change the animation speed or turn it off altogether
    1. Go to Options 🡪 Animation and select your preference.