

FIT 3077 Assignment (User Stories): 9 Men's Morris Game Application



User Stories

Outside the game

As a user, I want a menu screen so that I can select between playing alone or with someone else

As a user, I want to be returned to the main menu after a game ends so that I can start a new game

As a user, I want a single player mode in the menu so I can play against the computer

As a user, I want the computer to automatically make moves after my turn so that it can act as a proper 2nd player

Starting the game

As a user, I want to start the game with 9 tokens so that I can place them on the board

As a user, I want to be able to undo my actions so that I can undo my mistakes

As a user, I want to form a mill when I align 3 men along a line so that I can retire one of the opponent's men

As a user, I want to only be able to make legal moves so that no one can cheat and the game flow is smooth

As a user, I want the starting player to be randomised so that each player has a fair chance to start first

Moving Phase

As a user, I want to be able to move my pieces to adjacent positions after I place all my men so that I can form additional mills

As a user, I want to be able to move my pieces to any empty position when I have three pieces left so that I have a chance to win despite my opponent's numerical advantage

As a user I want to be able to undo a move, so that I can make a better decision in how I want to play the next move and have a better chance of winning

As a user I want to be able to save the game, so that I can jump right back into my last game

which I couldn't finish due to other priorities.

As a user, I want to be able to load from a previous game state to ensure that I can resume playing from where I saved previously because I was not finished with the saved game

Ending Game

As a user, I want the game to end once one player has lesser than 3 men so that I can move on to the next game.

As a user, I want the player with lesser than 3 men to lose so that the game can end and a winner can be declared

Format: As a [WHO] I want [WHAT], so [WHY].