User Guide

1. Main Screen:
   1. Tic-Tac-Toe
      1. The goal of Tic-Tac-Toe: Match 3 Xs in a row (horizontally, vertically, or diagonally) before your AI opponent matches 3 Os in a row.
      2. Single Match
         1. Single Match is separated into 3 difficulties (easy, medium, hard). Select one of the difficulties then select play. This will match the player with an AI of the selected difficulty.
         2. Once in a game the player can select one of the 9 spaces in the grid to place an ‘X’. After the player has placed an ‘X’ then the AI will place an ‘O’ in a space that does not have an ‘X’ or an ‘O’. Each player will continue to place Xs or Os until the grid has been completed, the player wins, or the AI wins.
         3. If, at any time, the player decided to quit the game the white ‘Quit’ button located at the bottom left corner of the game screen. Pressing this button will take the player back to the home screen.
         4. If, at any time, the player decides to reset the current game against the current AI the white ‘Reset’ button can be pressed. This button is located above the ‘Quit’ button in the bottom left corner of the game screen. Pressing this button will set the game to the first turn and clear any Xs or Os placed on the grid.
      3. League
         1. In League Play, you will be matched up against an AI opponent of a random difficulty. The objective of League Play is to play until you win. This is done by winning all of your opponent’s chips or by your opponent quitting the game.
         2. In League Play each player starts out with 100 chips and wins when the opponent gets to 0 chips or below.
         3. Each player can do 1 of 5 options when in the betting phase.
            1. Single bet - The winner of the single bet will get 5 chips from the opponent.
            2. Double bet - The winner of the single bet will get 10 chips from the opponent.
            3. Triple bet - The winner of the single bet will get 15 chips from the opponent.
            4. The opponent of the betting player has the option to ‘Call’. By calling this means you are wagering the same amount of chips as your opponent.
            5. Either player can quit. By pressing the ‘Quit’ button the player will be returned to the home screen. The quit button will be located under the Player Chip total.
         4. When both players agree on a betting amount a standard game of TicTacToe will commence. The instructions for a TicTacToe game can be found in the ‘Single Match’ section of this guide.
   2. Connect4
      1. The goal of Connect 4: Match 4 red pieces in a row (horizontally, vertically, or diagonally) before your AI opponent matches 4 yellow pieces in a row.
      2. Single Match
         1. Single Match is separated into 3 difficulties (easy, medium, hard). Select one of the difficulties then select play. This will match the player with an AI of the selected difficulty.
         2. Once in a game the player can select one of the 25 spaces in the grid to place a piece. After the player has placed a piece then the AI will place a yellow piece in a space that does not have a piece in it. Each player will continue to place their pieces until the grid has been completed, the player wins, or the AI wins.
         3. If, at any time, the player decided to quit the game the white ‘Quit’ button located at the bottom left corner of the game screen. Pressing this button will take the player back to the home screen.
         4. If, at any time, the player decides to reset the current game against the current AI the white ‘Reset’ button can be pressed. This button is located above the ‘Quit’ button in the bottom left corner of the game screen. Pressing this button will set the game to the first turn and clear any pieces placed on the grid.
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            3. Triple bet - The winner of the single bet will get 15 chips from the opponent.
            4. The opponent of the betting player has the option to ‘Call’. By calling this means you are wagering the same amount of chips as your opponent.
            5. Either player can quit. By pressing the ‘Quit’ button the player will be returned to the home screen. The quit button will be located under the Player Chip total.
         4. When both players agree on a betting amount a standard game of Connect 4 will commence. The instructions for a Connect 4 game can be found in the ‘Single Match’ section of this guide.
   3. Rules
      1. The rules button can be found on the home screen on the bottom right of the screen. Clicking the button will take the player to a page that briefly describes each game and how to play. To get back to the home screen press the ‘Back’ button located at the top of the screen.