**Team Name - Dream Achievers**

**Members of the Team:** All Members are in Section B Lab 03

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**Name of Game - Red & Blue:**

Description:

This game is a new unique variation of tic tac toe. There will be 2 players that will play against one other. Each player will be appointed a red circle or a blue circle. Player 1 will be red, and Player 2 will be blue. The game will either be played between 2 individuals (player vs player) or between an individual vs computer (player vs computer). Once the game begins a box will appear, for one or both players to write their names. A dice will then be rolled to depict which player will start. The winning player will be the player that is first to create a row – horizonal, vertical, diagonal in the colour given (red or blue). There will be a chance to re-play the game at the end and the game will identify the winner upon finishing. We hope this project will give us a better taste on building software.

Software Requirements:

* Game will start.
* The background will be black with a white border. The game grid will be white.
* A drop-down box will appear to select if game will be player vs player or player vs computer. Player will select an option.
* A text box will appear on screen to enter a name. Player 1 will use their keyboard to input a name of their choice. If player vs player - Player 2 will then do the same. Click Enter on keyboard to continue.
* A dice will be rolled (containing colours red and blue). This will decide which player will start. (If red is rolled - Player 1 will start and if blue is rolled Player 2/Computer will start)
* A countdown from 5 will appear on the screen. On the screen you will see 5,4,3,2,1.
* Once the countdown ends, the game will start. "START" will be appear on screen.
* On the top left of the screen, you will see if you are player 1 or 2. On the top right of the screen will be a tally. For example, if player 1 wins, top right corner will say 1:0 at the end of the game. If Player 2 wins it will say, 0:1.
* Player will use mouse to click on the grid spot of choice. The first player to create a row of their given circle will win.
* Webpage will popup that will say "You win" "You lose".
* Play again Button will appear.