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Tic Tac Toe

Data Design Description

Tic tac toe Game design:

Start of the game

As the game starts ,the name we have given the game as well as the logo of the game will appear, the rules of the game will appear,general tips on how to win the game

Player selects whether only one player will play or two players will play

TWO PLAYER:

One person will have to choose to play as player one and the other choose to play as player two

*The manual player has to be player 1 by default and play against the computer*

*The player will have to decide whether to play as the character ‘X’ or the character ‘Y’*

*The two players will have to choose whether which player will play as the character ’X’ or the character ‘Y’.*

This is the point in which the game becomes active(board is generated and players start playing).

Computer Manually

*How the game is played will be determined by the two people playing*

*As the player enters his/her chosen character ,the computer will randomly try to counteract the player’s streak*

*Does one of the players have their chosen characters aligned across the board?*

NO

YES

*Is the number of moves complete*

*The player with aligning characters wins*

Game proceeds to the next rack and the overall score of wins will be updated as the racks increase

Players can choose whether to start a new game or exit the game

Game over, Draw between

Player1 and player2 or computer

Game still continues

no

yes