Requirements

Introduction:

- TicTakToe is a simple game which involves filing up a 3 by 3 grid with X's and O's.The player who gets three X's or three O's in a particular row,column or diagonal first wins.It is basically a two player game.
- I choose this topic because it gives me an opportunity to implement and understand multiple C programming concepts.

Benefits:

- Good sportsmanship
- Development of coordination
- Prepares for more complex game
- Concentration

Explaination:

- The game starts with giving you the game board):
  - Player1 means you play using 'X'.
  - Player2 means you play using 'O'.
- The game ends when:
  - Player1 wins
  - Player2 wins
  - Game draw

Who:

- Anyone can play this game.

What:

- This game is for recreational purposes.

When:

- This game can be played whenever you are feeling bored or want to figure out ways, outcomes and situations of this game

Where:

- TicTacToe game is available in various websites and applications.

Requirements:

High level requirements:

Id	Description
H_1	User shall be able to choose 'X' to play
H_2	User shall be able to choose 'O' to play
H_3	User shall lose
H_4	User shall win
H_5	User shall end up in a draw situation

Low level requirements:

Id	Description
L_1	Player1 play with 'X'
L_2	Player2 play with 'O'
L_3	If the player1 gets 3 X's in vertical,horizontal or diagonal row, he'll win.
L_4	If the player2 gets 3 O's in vertical,horizontal or diagonal row, he'll win.
L_5	If 9 moves have been completed and neither the player1 nor the player2 has won, it'll end up in a draw.