**TIC TAC TOE**

**Basic Info:**

Tic-tac-toe is a game where two players X and O fill the hash (#) shaped box **(consist of two vertical lines crossing two horizontal lines)**with their alternate turns.

**On Screen Elements:**

* Heading of the game – “Tic Tac Tao” followed by creator’s names
* Text indicating player’s turn
* A 3x3 tic-tac-toe board.
* A Reset button

**How to play:**

* The game begins with an empty 3x3 tic-tac-toe board.
* Player 1 is assigned “X” while Player 2 is assigned “O”.
* During the game, Player 1 has the first turn. Player 1 can place an “X” on desired spot on the game board by clicking on that region. Then comes the chance of Player 2. Similarly Player 2 can place an “O” on desired spot on the game board by touching that region, then the chance switches back to Player 1 and the game continues until either of the player has won, or there has been a tie.
* If any player selects an invalid region, such as not on the gameboard or place where there is already a X or O filled , nothing will happen.
* Clicking on the reset button will reset the game.

**Rules:**

* The player who first fills the box with 3-Xs or 3-Os in a horizontal, vertical, or diagonal manner will win the game.
* When a player wins , a winning message with a happy gif is displayed on screen .
* In some cases, even after filling the entire board, none of the player might win, and it is considered a tie between the two players. A sad gif is displayed on screen in this case.

**Technical Details:**

* The game is built using HTML5, CSS and JavaScript.
* The game requires an active internet connection to be played.
* The game can be played on any computer or pc, which has an active internet connection and has a browser installed that can run HTML5, CSS and JavaScript.