

User Guide: Tic-Tac-Toe Game

1. Introduction

Welcome to the Tic-Tac-Toe game! This is a simple two-player game where each player takes turns to place their mark (X or O) on a 3x3 grid (board). The goal of the game is to align three marks of the same sign in a row, column, or diagonal (leading or unleading).

2. Rules of the Game

1. The game is played on a 3x3 board.
2. Player 1 uses 'X' and Player 2 uses 'O'.
3. Players take turns placing their marks on the board.
4. A player selects a position by entering a number between 1 and 9, corresponding to the positions on the board.
5. The game ends when:
 - A player places three marks in a row (horizontal, vertical, or diagonal), OR
 - The board is completely filled and there is no winner (Draw).

3. Winning Conditions

A player wins the game if they successfully align three of their marks (X or O) in any of the following ways:

- Horizontally across a row.
- Vertically down a column.
- Diagonally from corner to corner (leading or unleading).

4. Draw Conditions

The game results in a draw if all 9 positions on the board are occupied and no player has achieved three marks in a row.

5. Key Notices

- You cannot choose a position that is already occupied. If you try, you will be asked to select another position.
- You must enter a valid number between 1 and 9. Invalid inputs (letters, symbols, or numbers outside this range) will not be accepted.
- The game alternates turns automatically between Player 1 and Player 2.

6. Example Gameplay

At the start of the game, the board looks like this:

```
1 | 2 | 3
---|---|---
4 | 5 | 6
---|---|---
7 | 8 | 9
```

If Player 1 chooses '5', the board will update as follows:

```
1 | 2 | 3
---|---|---
4 | X | 6
---|---|---
7 | 8 | 9
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Then Player 2 takes a turn, and the game continues until there is a winner or a draw.

7. Conclusion

This game is designed to be simple and fun. Use your strategy to outsmart your opponent by blocking their moves and aiming to complete three marks in a row. Enjoy playing!