



TIC TAC TOE

Group 4

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Welcome Screen

The screenshot of the welcome Screen of the Tic Tac Toe game. Once the java file is run this is the first screen that the user sees.



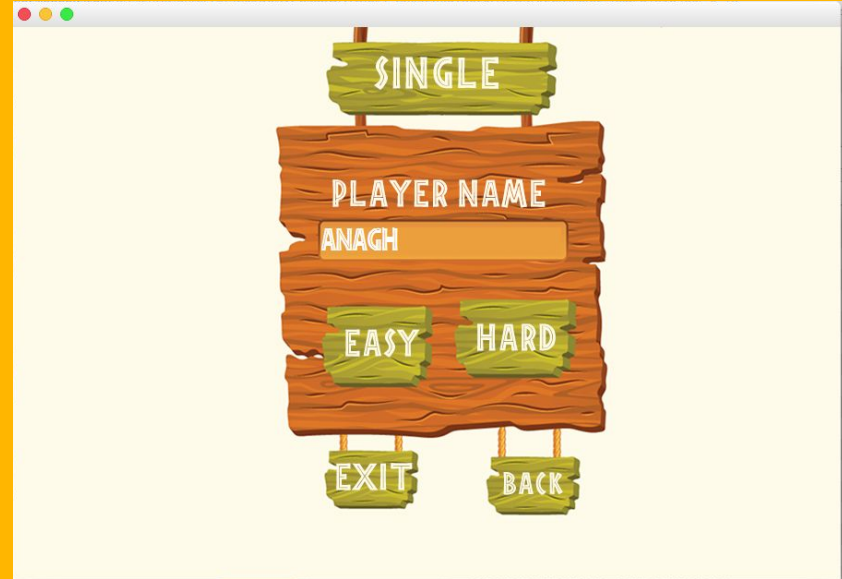
The Enter Screen

This JFrame pops when Enter is clicked. It further has two options Single and Multi Player, which when clicked will make the respective frame visible.



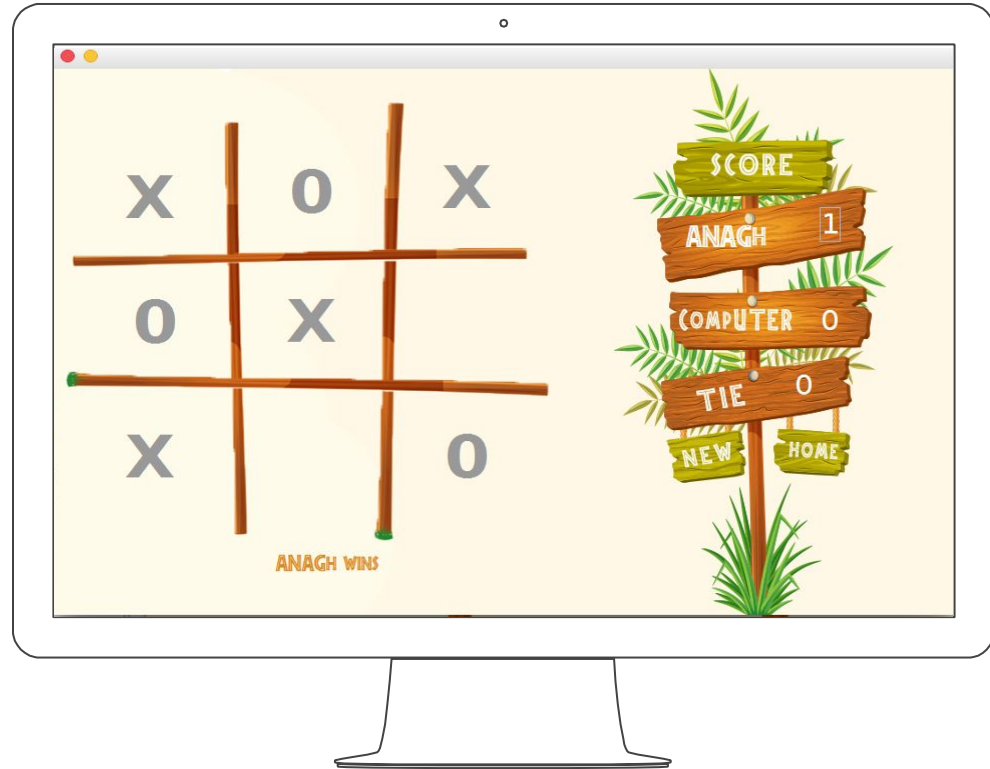
Single Player Menu

This JFrame requires you to enter the Player name and select the level of difficulty. Based on the option chosen the new JFrame appears which contains the game. There are also options to go back to the previous menu or to exit.



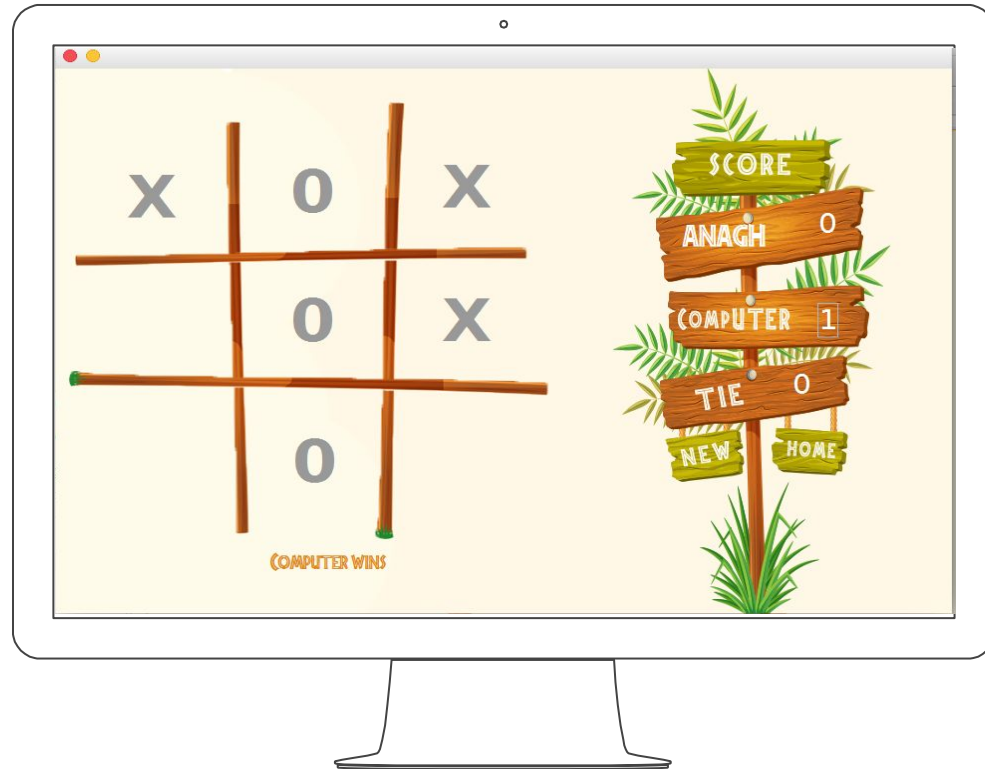
Easy Mode

This JFrame pops when Easy Level is selected. Algorithm is designed as such that the computer is less competitive. The winner is updated on the scoreboard and the winner is displayed on the screen. Options are also present for returning to the main menu and to play a new game.



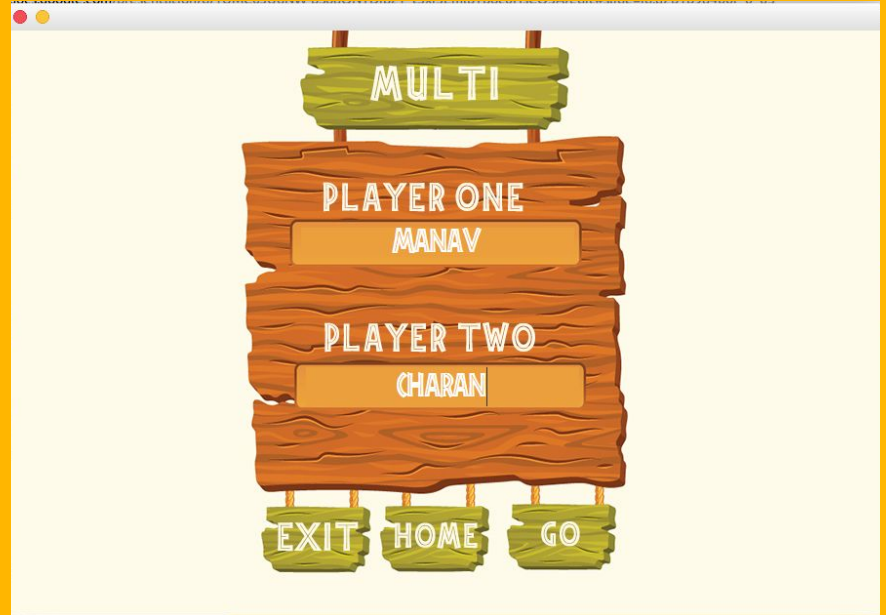
Hard Mode

This JFrame pops when Hard Level is selected. Algorithm is designed as such that the computer is more competitive. The winner is updated on the scoreboard and the winner is displayed on the screen. Options are also present for returning to the main menu and to play a new game.



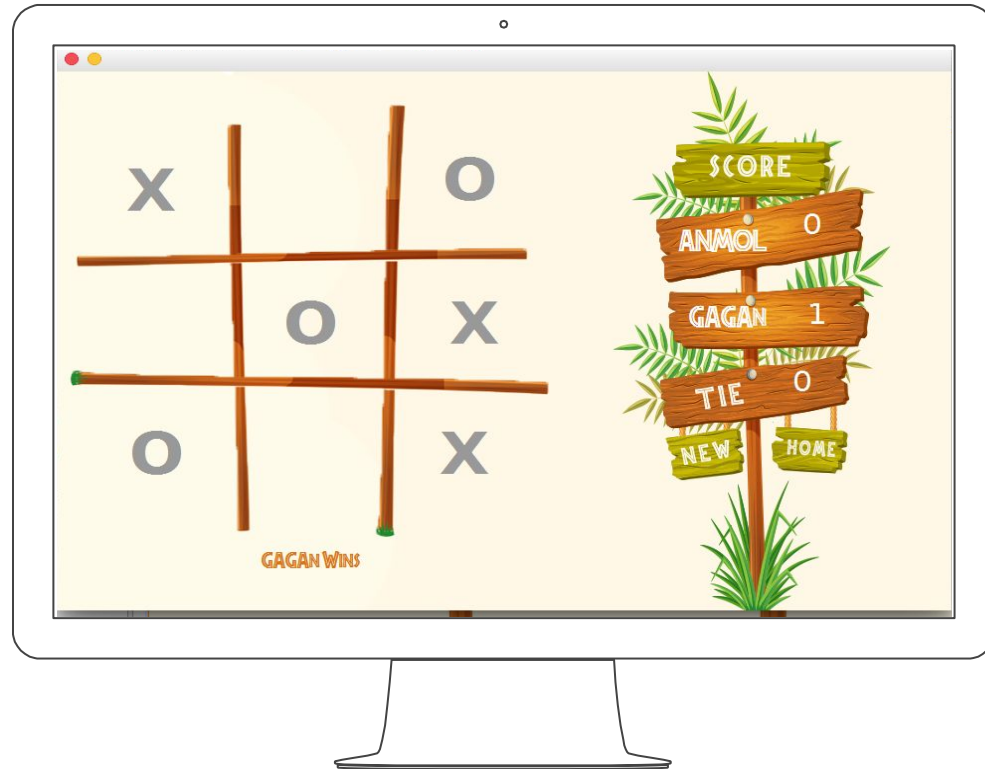
MultiPlayer Menu

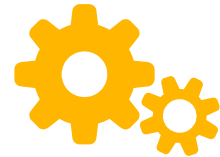
This JFrame requires you to enter the Player1 name and Player2 name. Furthermore the new JFrame appears which contains the game. There are also options to go back to the previous menu or to exit.



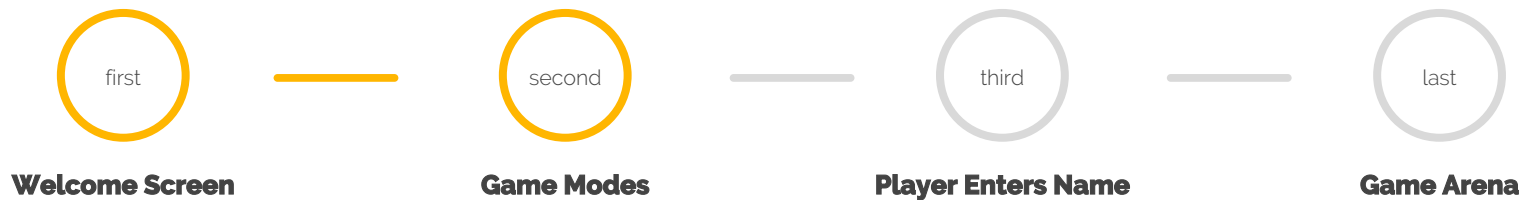
Multi-Game

This JFrame pops when GO is selected. The player1 when plays the move, X is marked and O marked for Player2. The winner is updated on the scoreboard and the winner is displayed on the screen. Options are also present for returning to the main menu and to play a new game.





Flow of the Game



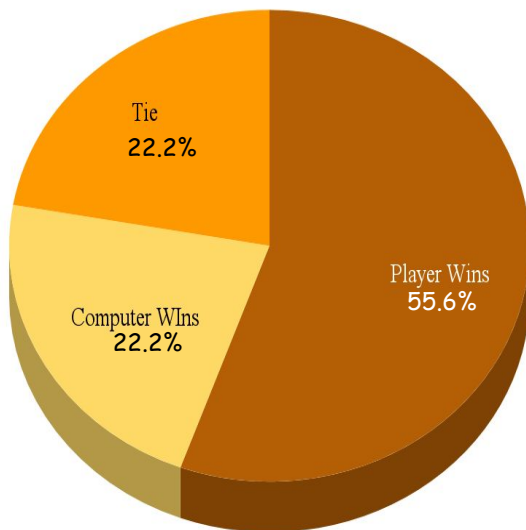


Features

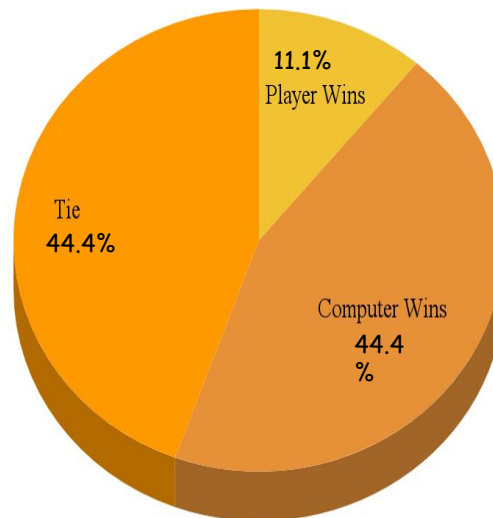
1. Custom UI Design
2. Custom Cursor
3. Interactive Sounds
4. Instructions in Readme.txt
5. Various Modes to play



Easy Mode Statistics

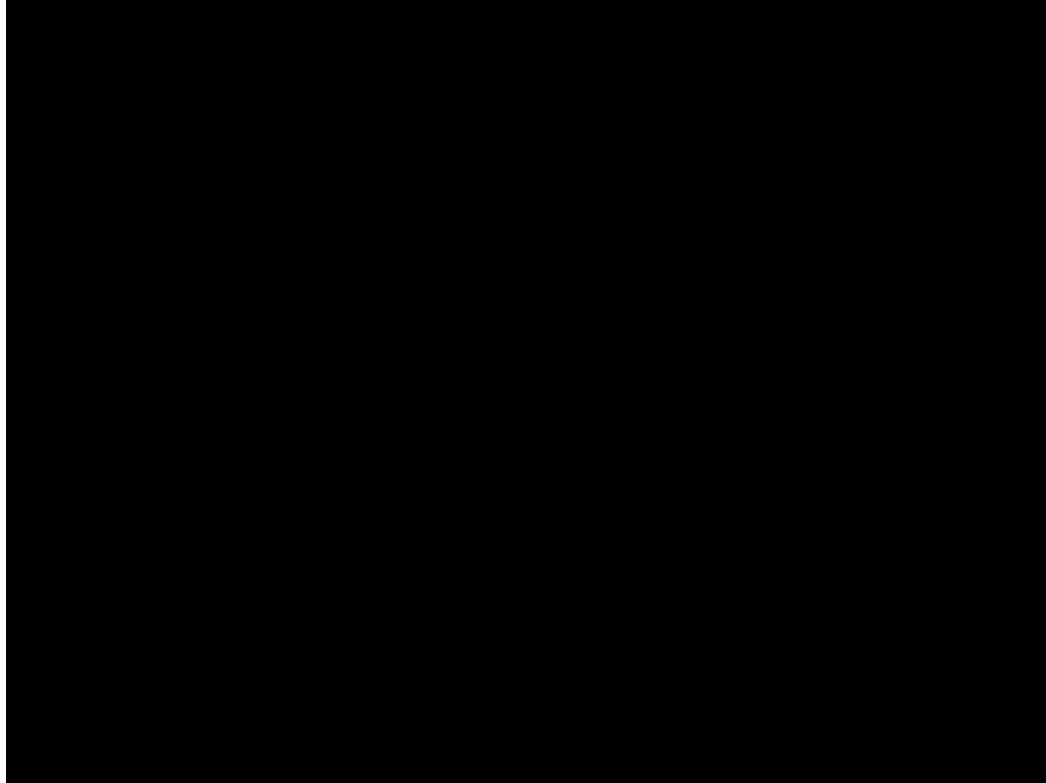


Hard Mode Statistics



According to the statistics collected the algorithm for hard works **twice** as tough compared to easy mode.

Video Presentation





Credits

We are grateful to have completed the project
under the guidance of our instructor

Dr. Ranjana Vyas and our
TA **Mr. Rakesh Ranjan** for helping us.



Thanks!

Any questions?

Ping any of the group members for details of the projects.