

Presented by:

Sonali Dixit (1641012248)

Srestha Epari(1641012409)

Ritika Kumari(1641012427)

Yash Jhamnani(1641012476)

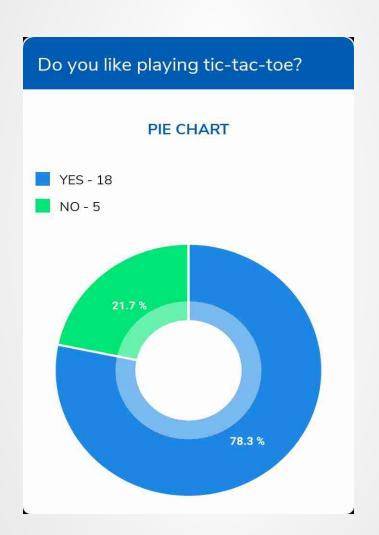
Introduction

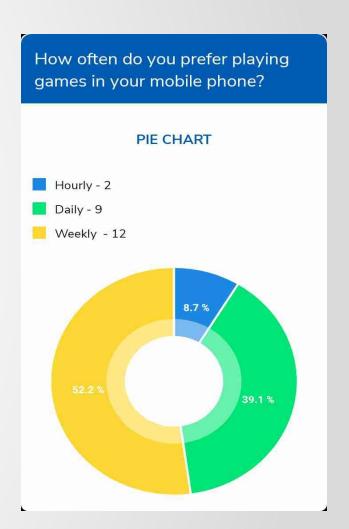
Tic-tac-toe (American English), noughts and crosses (British English), or Xs and Os is a paper-and-pencil game for two players, X and O, who take turns marking the spaces in a 3×3 grid. The player who succeeds in placing three of their marks in a horizontal, vertical, or diagonal row is the winner

Aim and Objectives

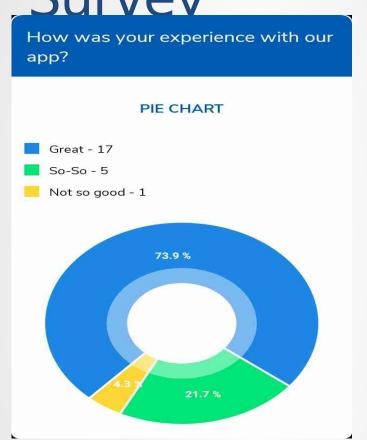
The aim of this project is to develop a Tic-Tac-Toe game for mobile device. The game is supposed to consist of two players playing against each other and increase one's analytical skills. It's basically focused on children's time pass.

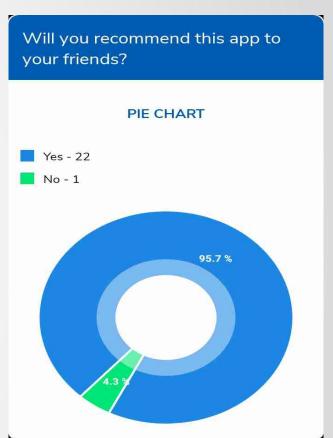
Analysis and Conclusion of Survey





Analysis and Conclusion of Survey





Conclusion:

Based on the Survey, we got few excellent reviews for our app. The reviews expressed proper functioning, good user interface and no error like corrupt file was met. Moreover, people are also interested in recommending our app to their friends.

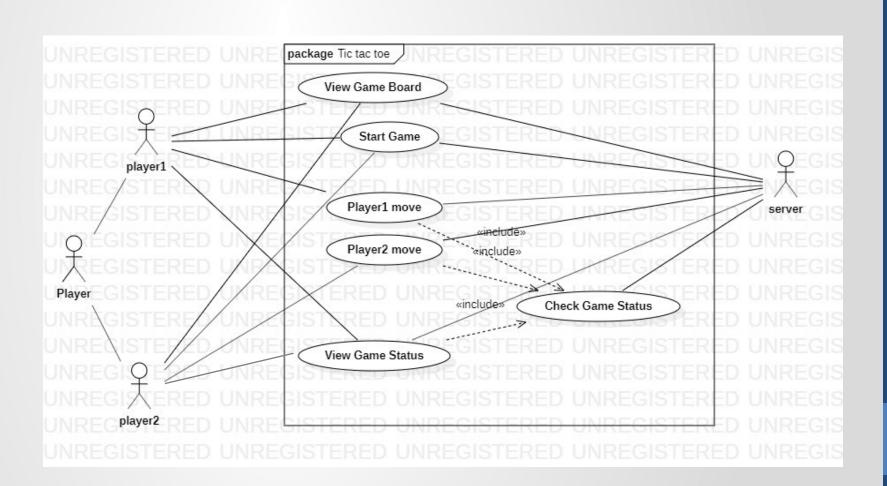
Functional Requirements:

- ■Start Game
- □ Move
- □Check Score
- Reset
- □End Game.

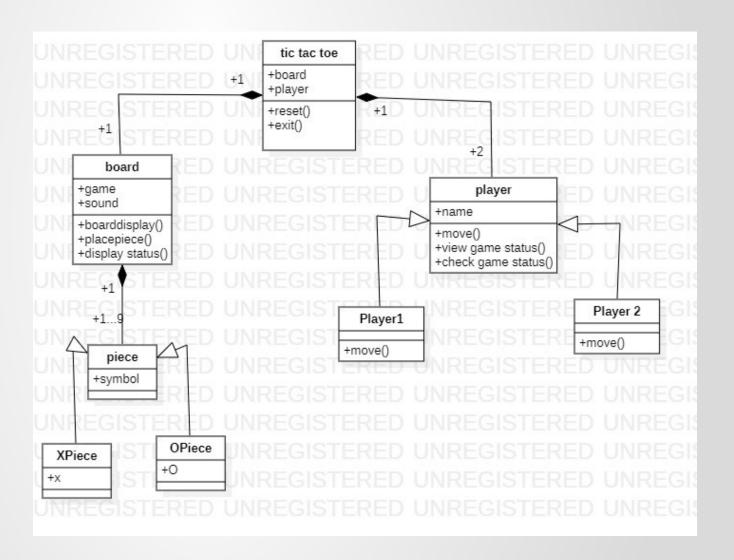
Non-Functional Requirements:

- ■**Performance**-The game performs well without any lag . It will calculate the efficiency based on the code and give the output.
- □**Usability** -The game is easy even for the new players. The game is easily understandable how to navigate through interface built.
- □**Reliability-**. The application is developed in java and is hence robust.
- **Supportability**-The application can be developed in any operating system as java is platform independence.

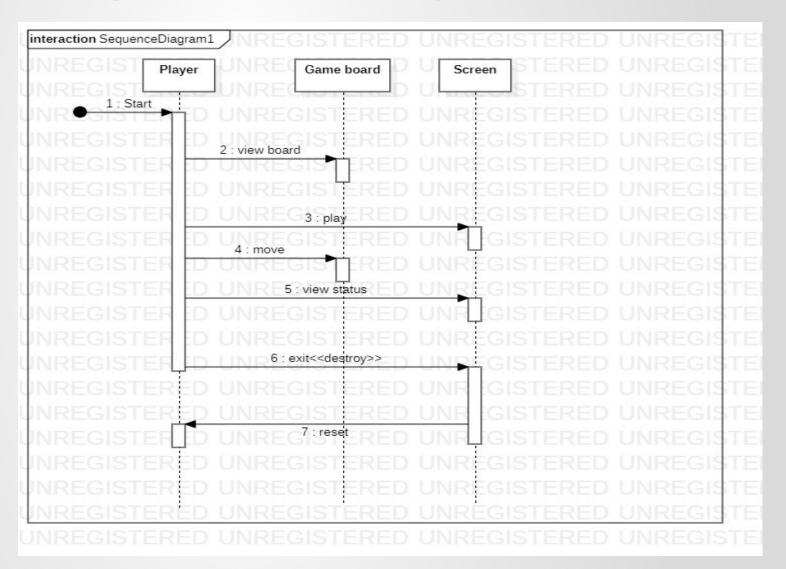
Use Case Diagram



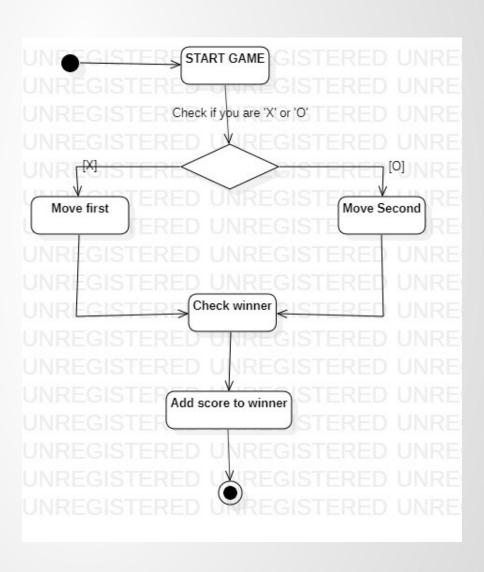
Class Diagram



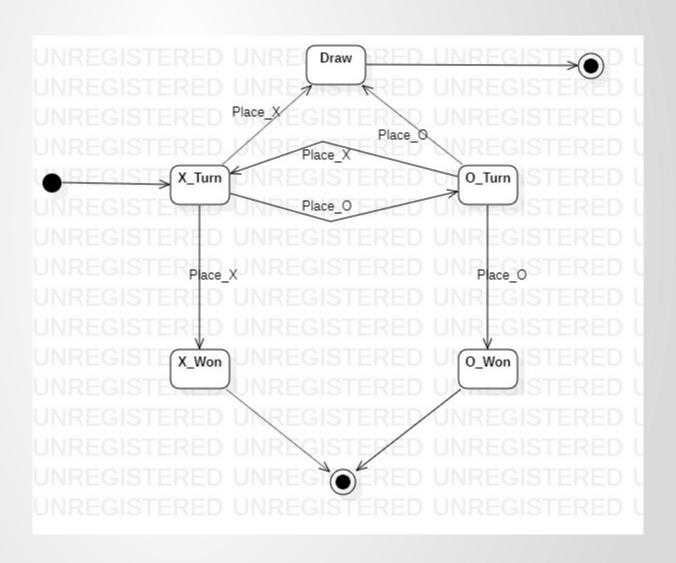
Sequence Diagram



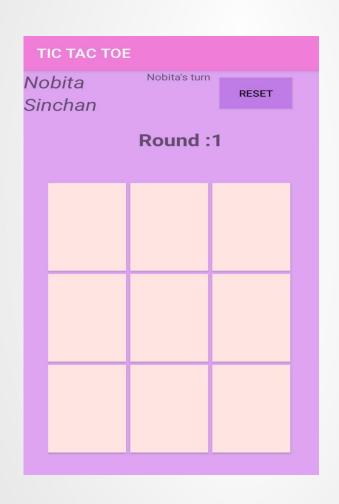
Activity Diagram



State Diagram

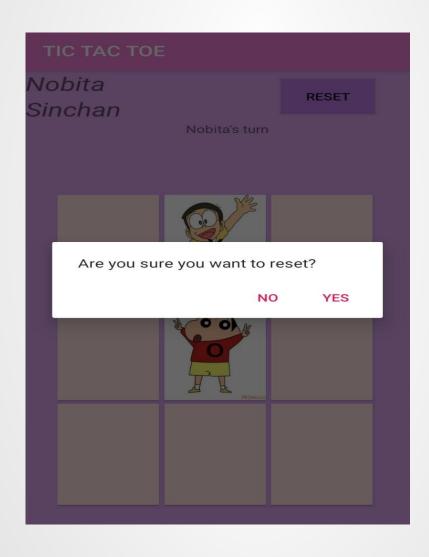


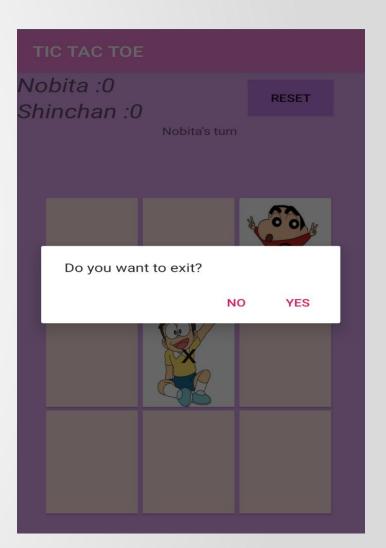
UI(User-Interface)





UI(User-Interface)





Conclusion and Future Work

- Tic-Tac-Toe helps children apply their logic and develop strategy at an early age. It prepares children for more complex games because they have to think of multiple things at one time. Tictac-toe helps develop coordination, fine motor skills and visual skills. It is an easy and popular game which is played all over the world.
- In future we are planning to add features like database storage in which names of different players and their previous score records will be stored. Introducing AI in the system will enable single player or multiple player modes.

Thank You!