

Project #1:

Tic-Tac-Toe Game

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X | O

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Introduction

This project is about creating an online version of the famous game "Tic Tac Toe".

I have implemented the knowledge that acquired during the past 2 weeks to design, build, and deploy the game.

Game Info :

- The game allows two players
 - a player wins if 3 boxes in a row (vertically, horizontally, or from corners) have the same value (X || O)
 - A message will appear to confirm the winner name
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Requirements

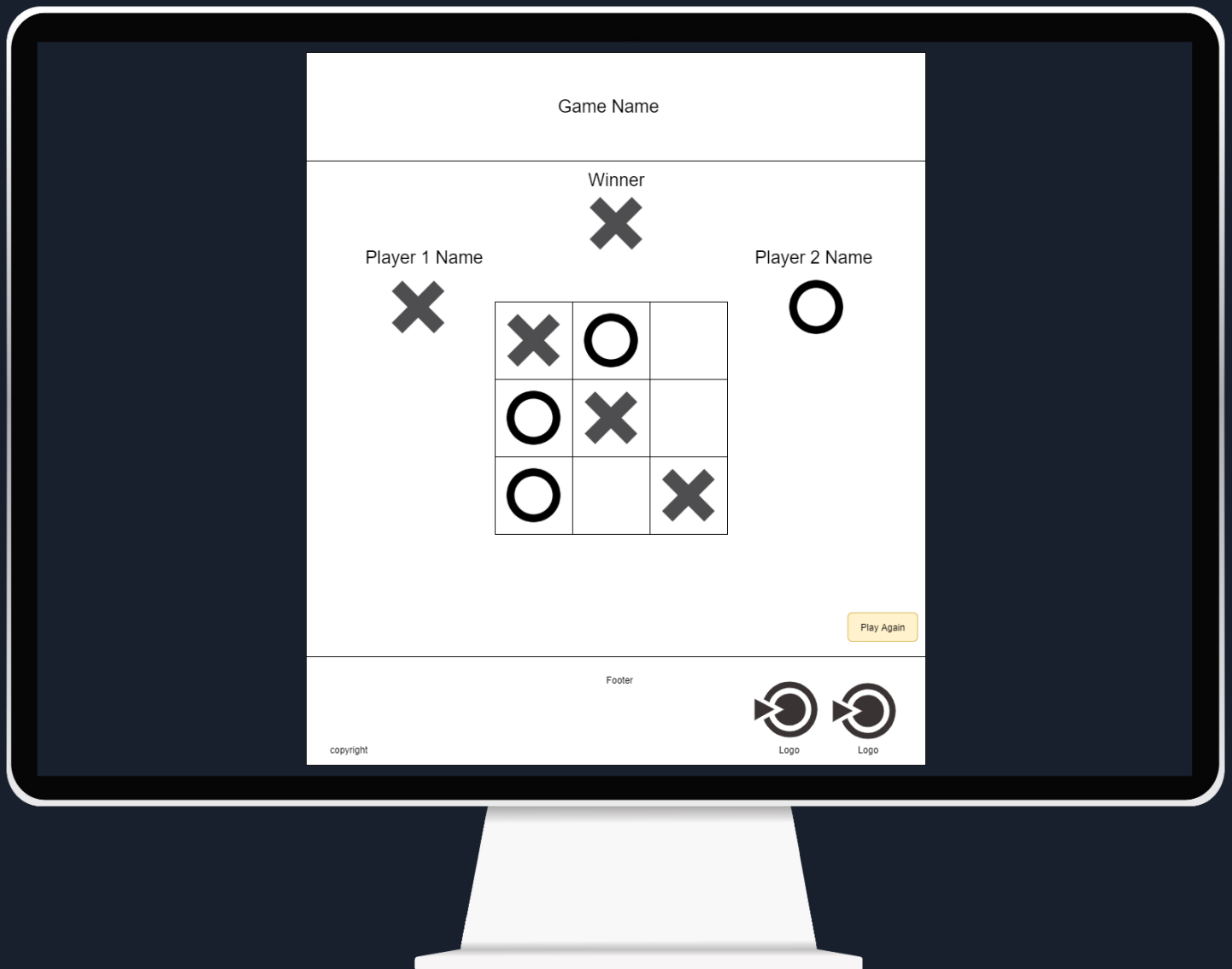
- Render a game board in the browser
 - Switch turns between X and O (or whichever markers you select)
 - Visually display which side won if a player gets three in a row, or show a draw if neither player wins
 - Include separate HTML / CSS / JavaScript files
 - Stick with KISS (Keep It Simple Stupid) and DRY (Don't Repeat Yourself) principles
 - Use JavaScript and/or jQuery for DOM manipulation
 - Deploy your game online, where the rest of the world can access it
 - We will be walking you through this process!
 - Use semantic markup for HTML and CSS (adhere to best practices)
 - Have well-formatted, and well-commented code
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User Stories

- As a user, I should be able to start a new tic tac toe game
 - As a user, I should be able to click on a square to add X first and then O, and so on
 - As a user, I should be shown a message after each turn for if I win, lose, tie or who's turn it is next
 - As a user, I should not be able to click the same square twice
 - As a user, I should be shown a message when I win, lose or tie
 - As a user, I should be able to play the game again without refreshing the page
 - As a user, I would like to see the score of the previous games
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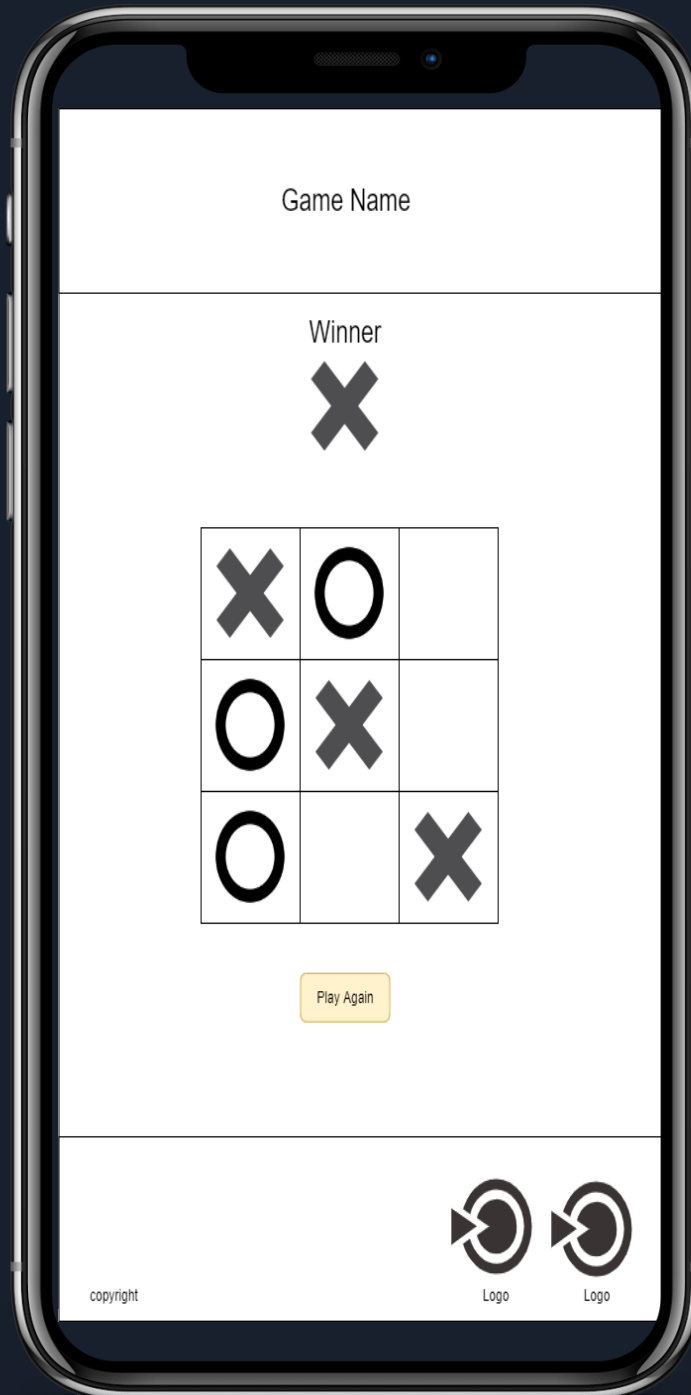
Wireframing

a) Desktop View



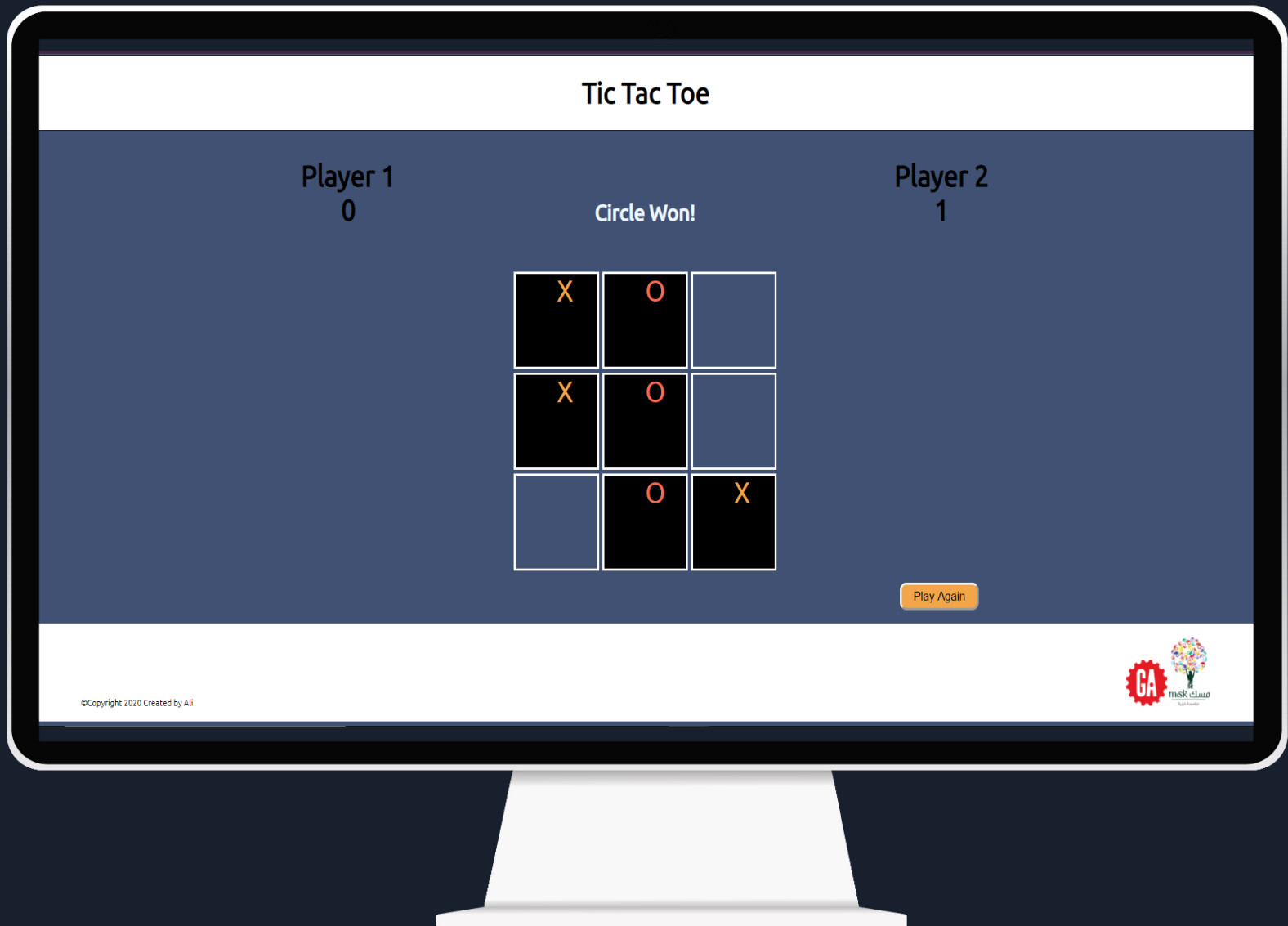
Wireframing

b) Mobile View



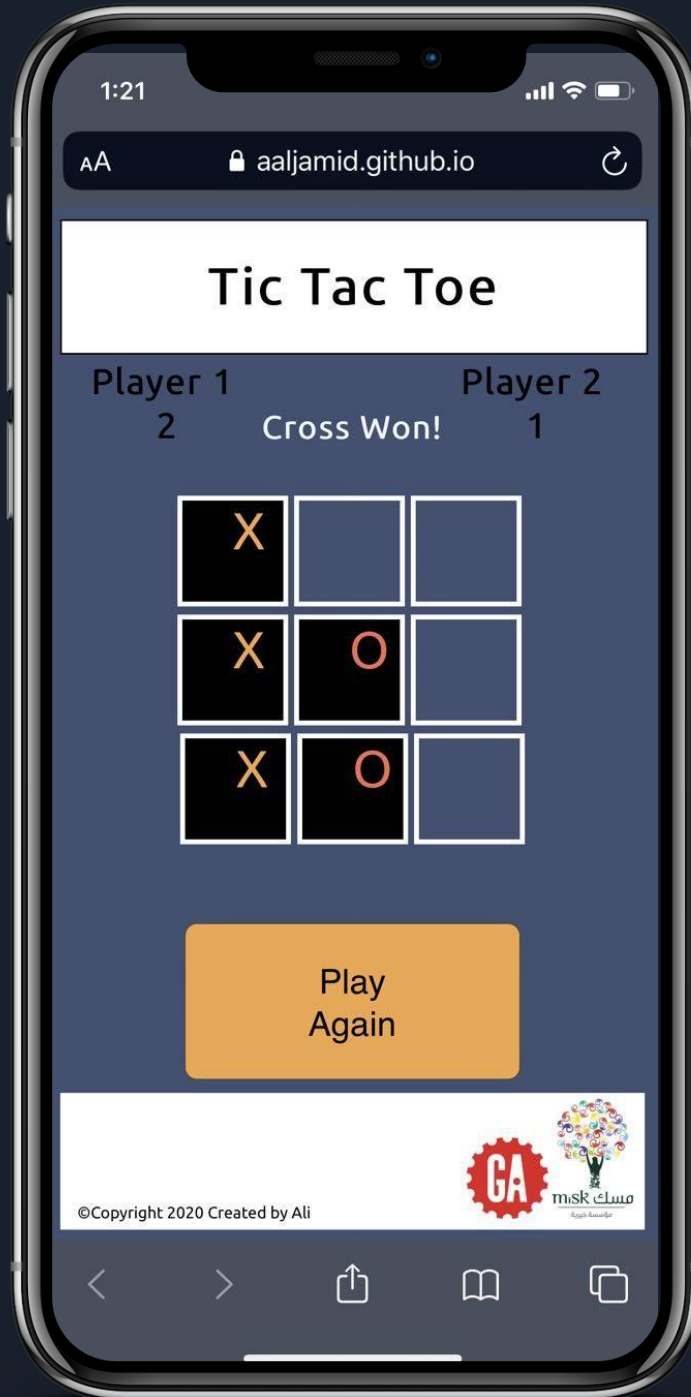
Mockup

c) Desktop View



Mockup

- Mobile View



Tools and frameworks used

- **HTML**

- To build the Skelton of the game

- **CSS**

- To add a style, alignment, colors, and make it responsive and user friendly for mobile

- **JavaScript**

- Add the functionality to the game

- **jQuery**

- Leveraging jQuery library to take advantage



