

TIC TAC TOE APPLICATION AND YOUTUBE APPLICATION

LAB ASSIGNMENT 2

Introduction

I have designed and created tic tac toe application using AngularJS and also created webpage consists of YouTube API which designed using bootstrap and consists of Google YouTube API key for using the API features inside the web application.

Objectives

The main objective of this lab assignment is to know the working nature of Bootstrap to build responsive websites and also to know the working of the API's inside the web application. Both of the web applications met the following objectives,

- Got in touch with YouTube API and able to use the features inside the web application.
- Designed a responsive user interface for Tic Tac Toe game using AngularJS and bootstrap.
- HTML5 and CSS are used for styling elements inside the web applications.

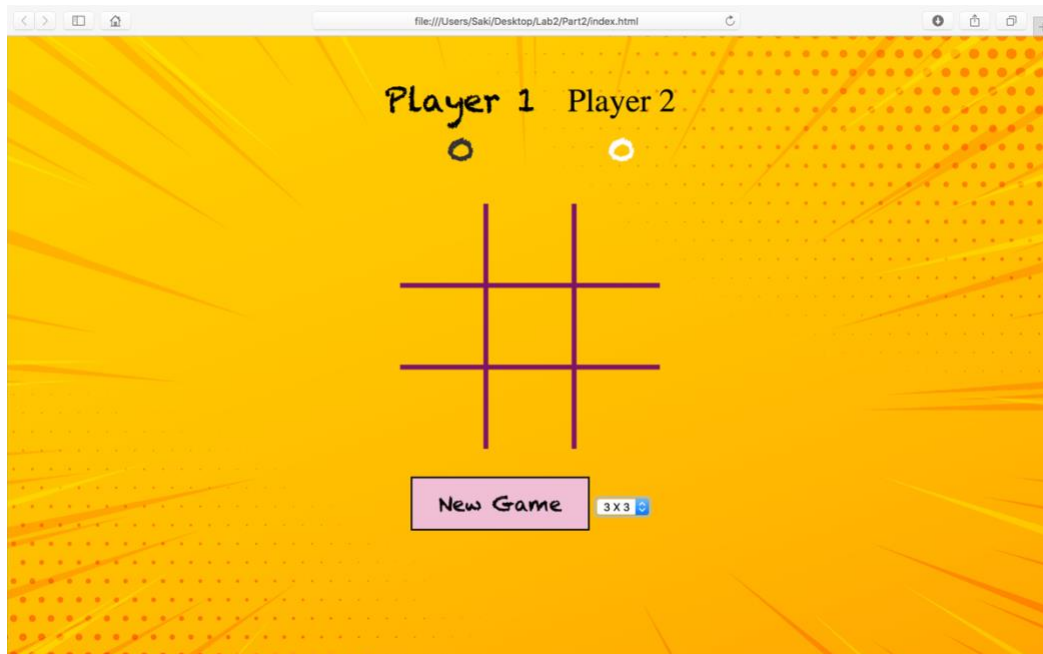
Approaches/Methods

We've followed different approaches in building a good responsive web application by following different techniques and strategies. HTML5 and CSS are used for designing inline and styling elements. AngularJS is used to develop the functionality logic in both the web applications.

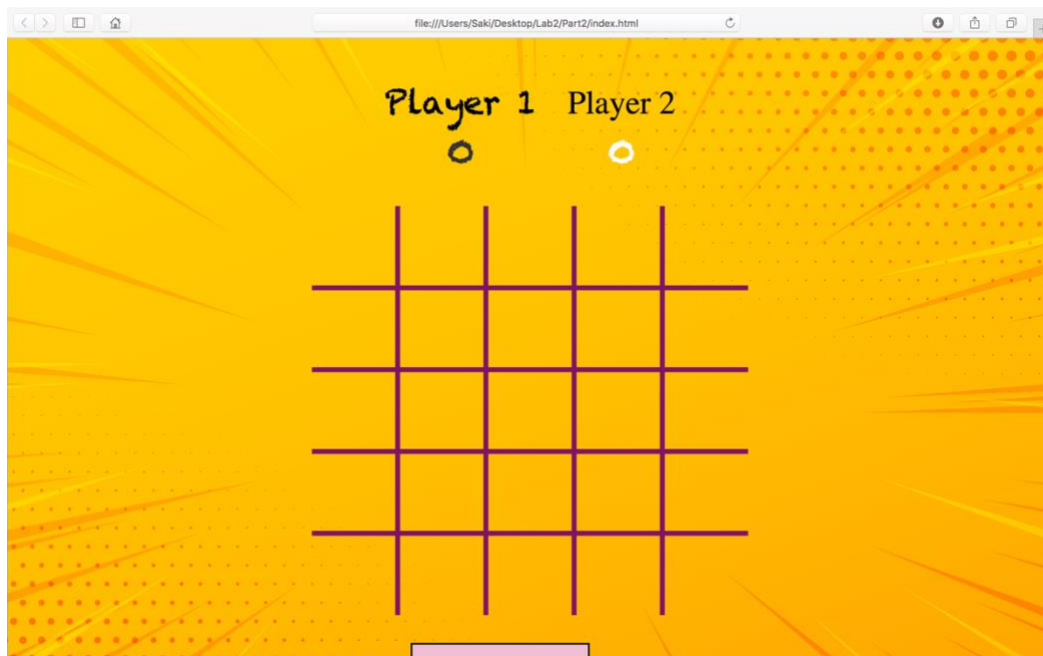
Workflow

Below are some of the screenshots of the workflow of both Tic Tac Toe application and YouTube application,

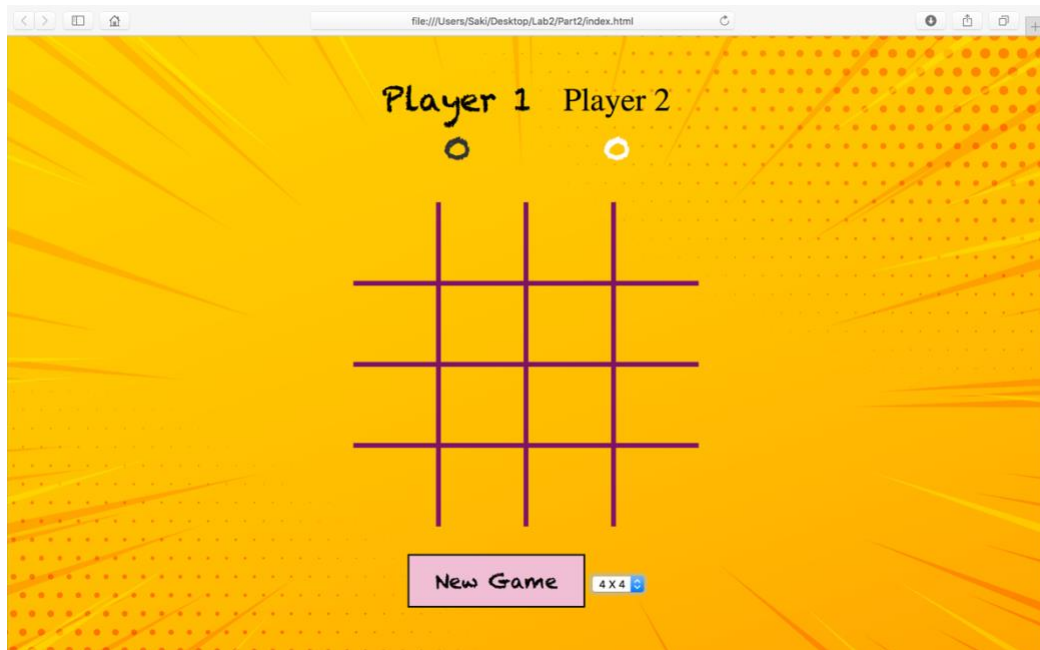
Tic Tac Toe 3 * 3



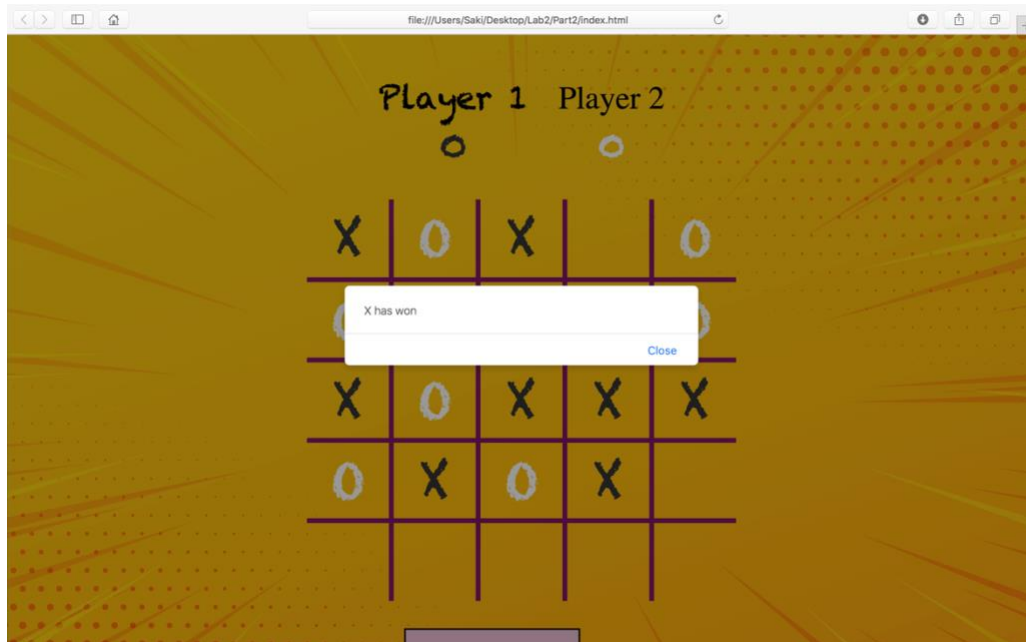
Tic Tac Toe 4 * 4



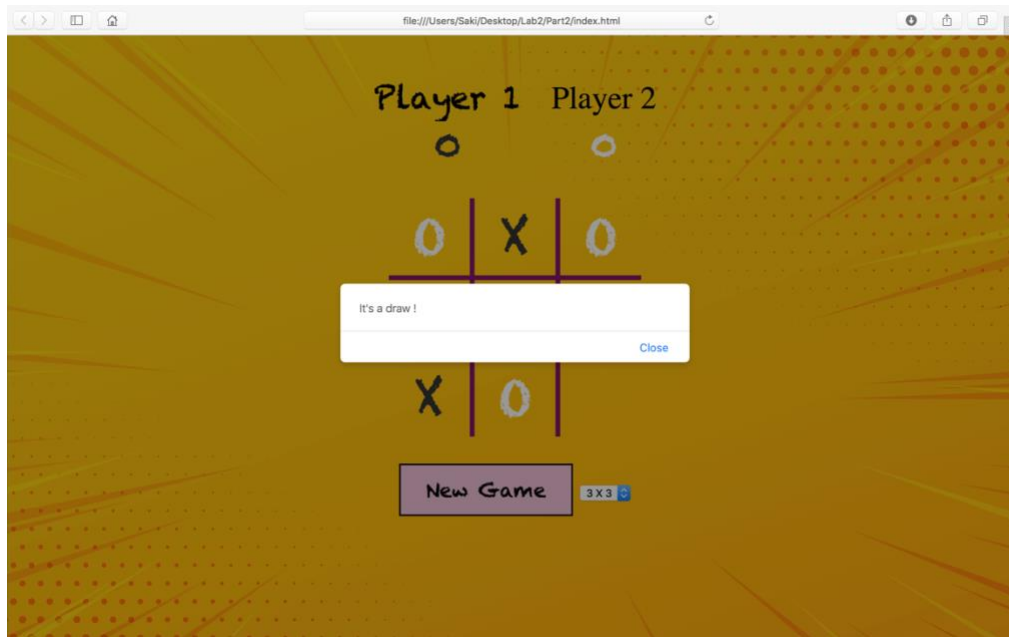
Tic Tac Toe 5 * 5



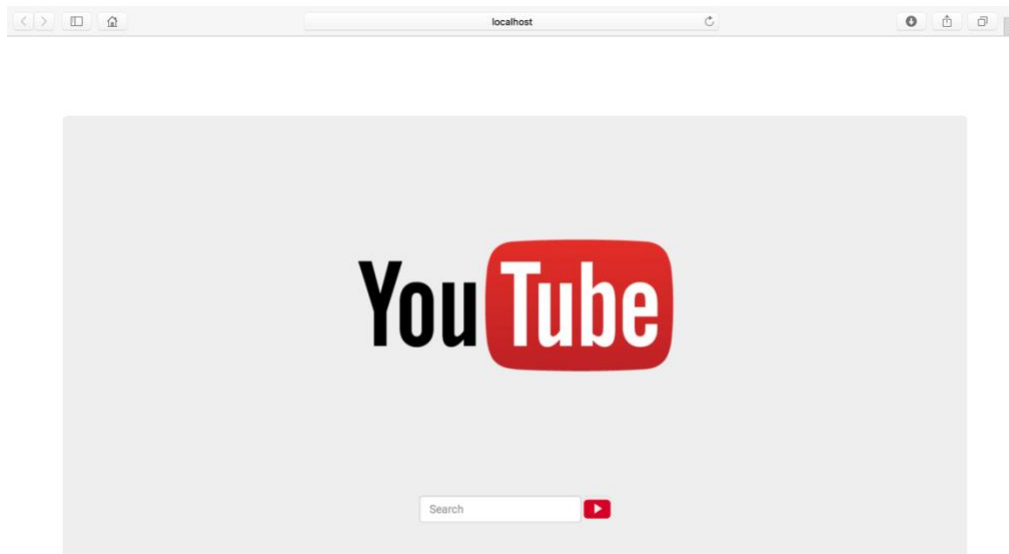
Tic Tac Toe Game Win



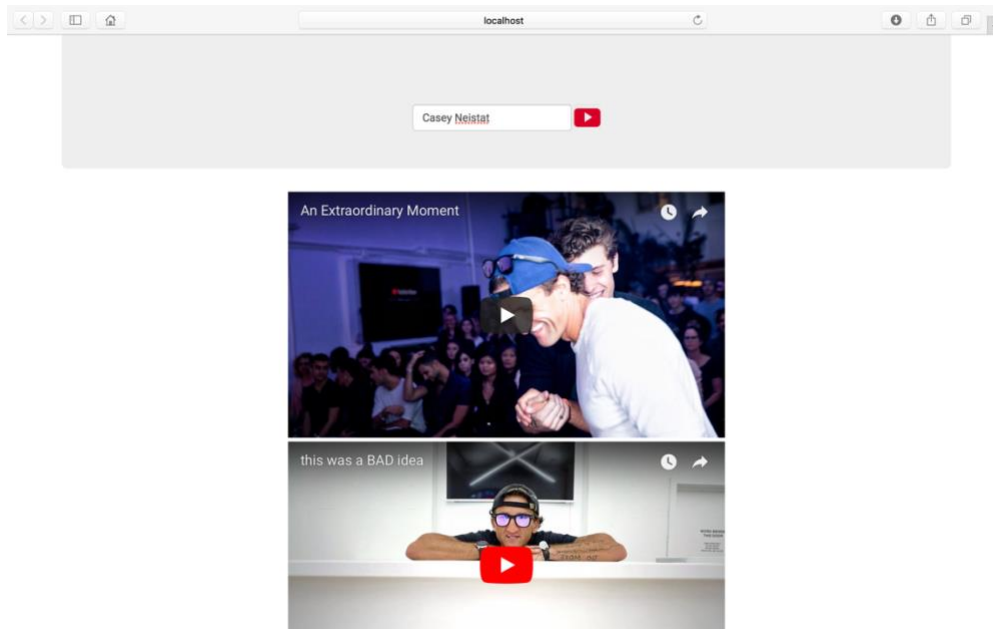
Tic Tac Toe Game Draw



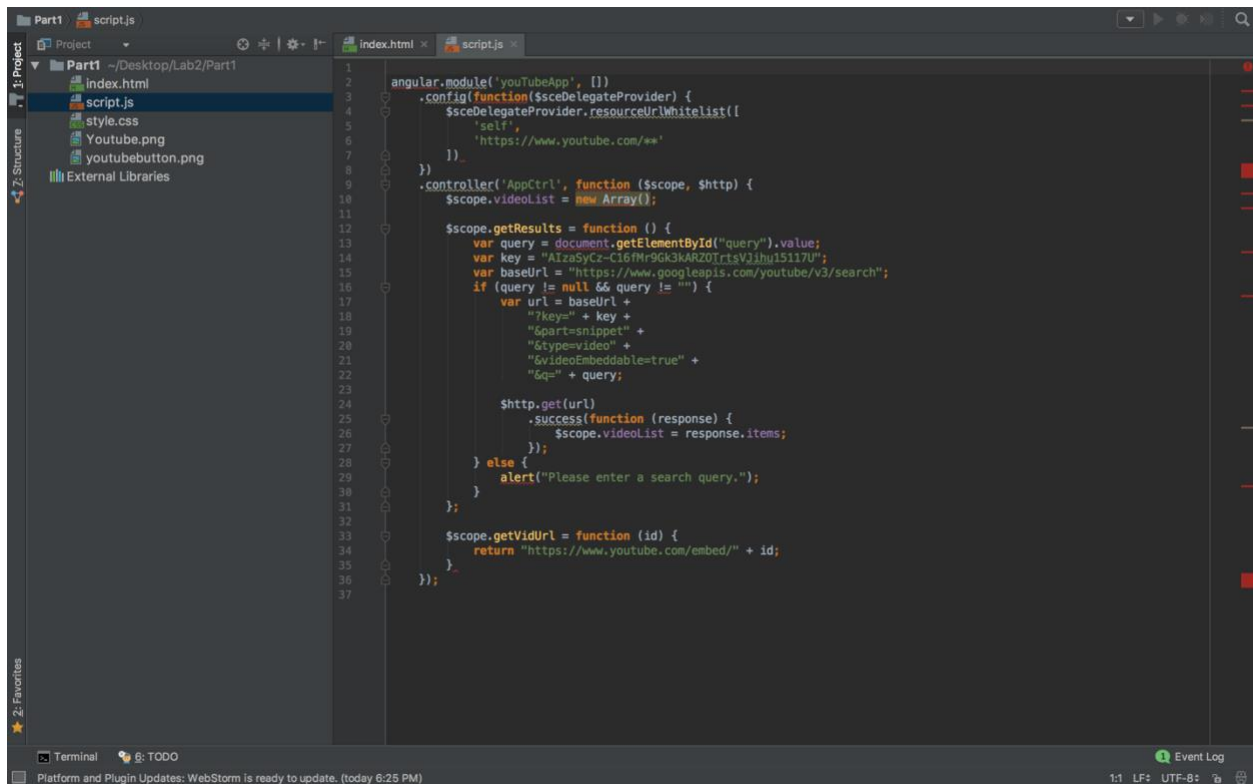
YouTube Homepage



YouTube Search Page Results



YouTube AngularJS Script



The workflow is explained in the below link,

https://youtu.be/FXhZ-tEH_S4

Discussion

Both the web applications are considerably responsive and designed with complete CSS elements. 2 players can play Tic Tac Toe game using the application and the scores are responsively updated at top of the page every time player wins the game. Recursive function is used for unlimited games until player wins in case there is a situation for draw between players.

YouTube web application is build using YouTube google API key and features with 5 recommendations for the search.

Conclusion

A multi responsive e-commerce web application is build using Bootstrap and HTML5 successfully by end of this lab assignment. Here are some references taken for completion of assignment,

- <http://getbootstrap.com>
- <https://www.w3schools.com/js/>
- <https://www.angularjs.com/>