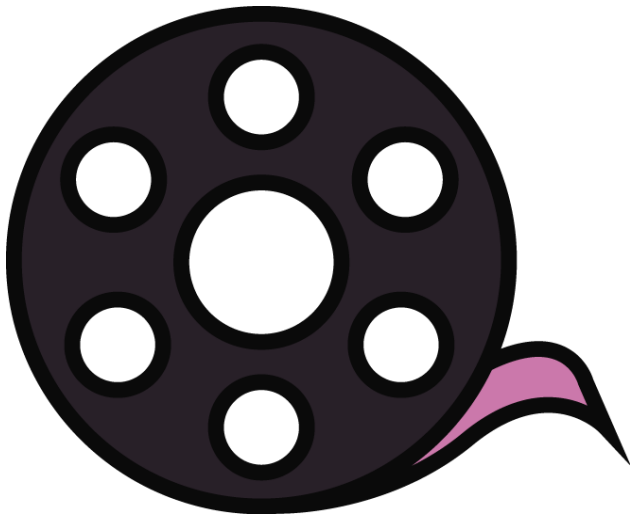


Term Project Report

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Introduction

Quiz & Chill is an online based learning game which allows users to take quiz challenges and solve them within a limited amount of time and fixed trails. This application serves the purpose of fun and interactive learning along with an immersive environment.

Motivation

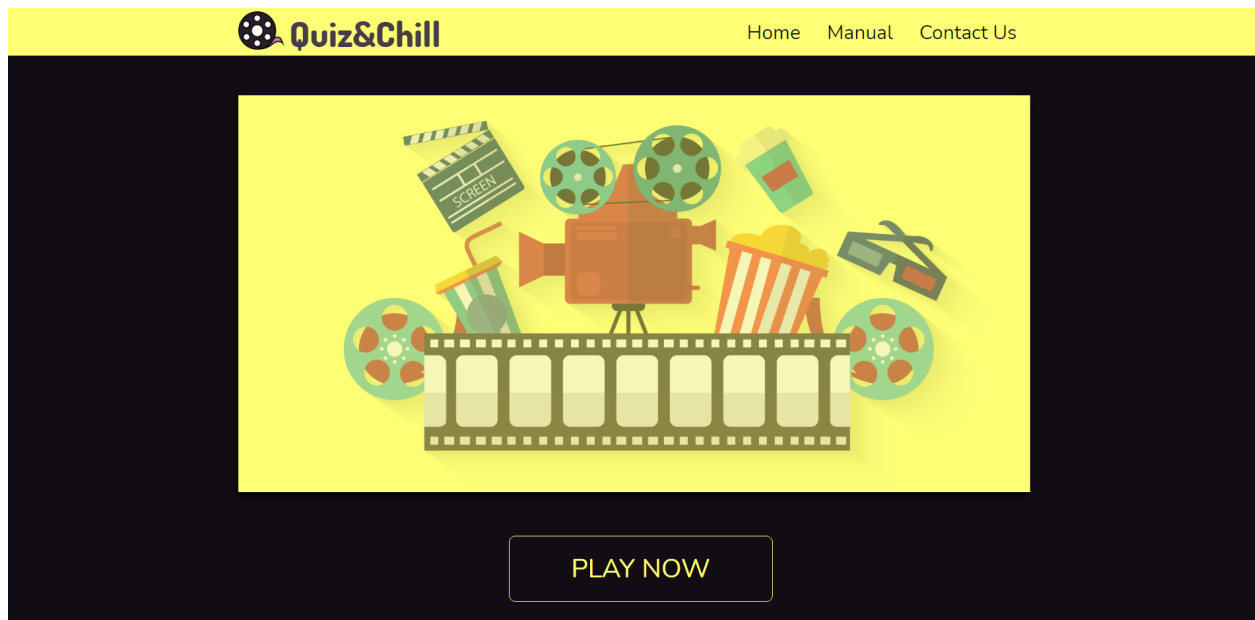
Autism, also called **autism spectrum disorder** (ASD), is a complicated condition that includes problems with communication and behavior. It can involve a wide range of symptoms and skills. ASD can be a minor problem or a disability that needs full-time care in a special facility.

People with **autism** have trouble with communication. They have trouble understanding what other people think and feel. This makes it hard for them to express themselves, either with words or through gestures, facial expressions, and touch.

This learning cum gaming application would help childrens with autism disorder. As autistic children are most likely to get distracted from the context, the model should be capable enough to immerse them and catch their attention. It would help them to build basic knowledge of countries for general awareness and movies for their entertainment.



Home Page



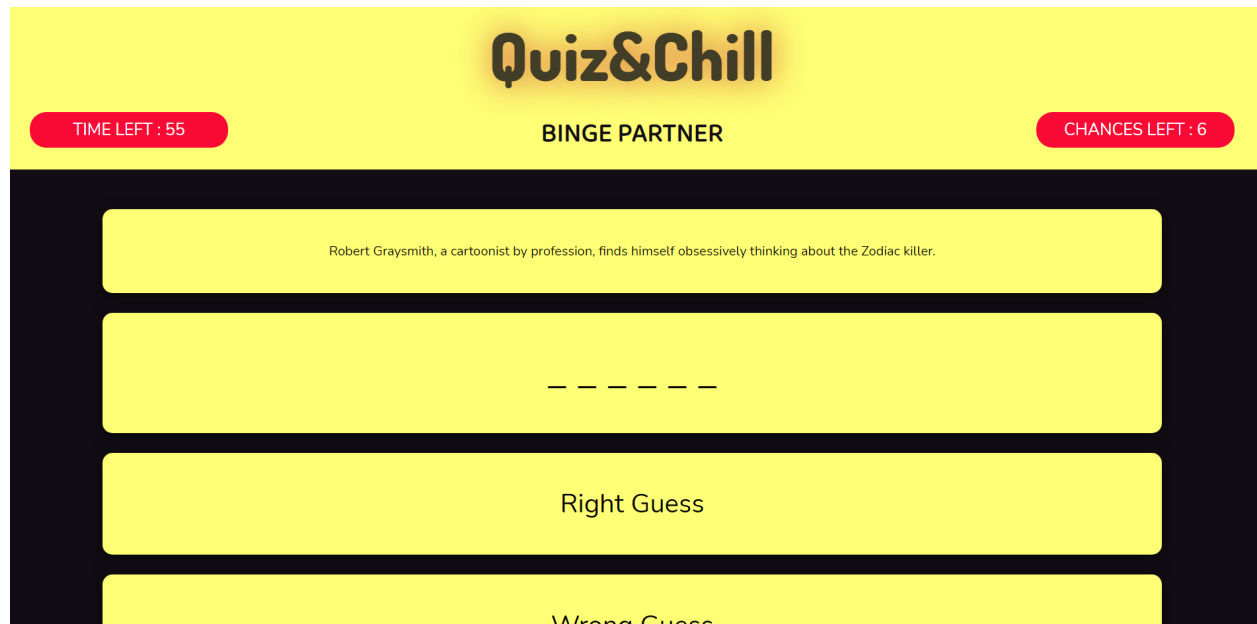
This is the homepage. Players can start the game from here. We put up options to contact us and a link to open this report for further explanation of this project.

<https://its-just-pritam.github.io/Quiz-Chill/index.html>

How to Play?

Players are required to guess the correct name of a movie/country by hitting keyboard keys. Each response is grouped as a right or wrong guess. The answer might contain special characters like comma, space, hyphen, etc. The answer must be given within limited time and trails, however no points shall be awarded in this mode. After the end of a round, players can REFRESH the page for another round(try avoiding REFRESH during a mid game).

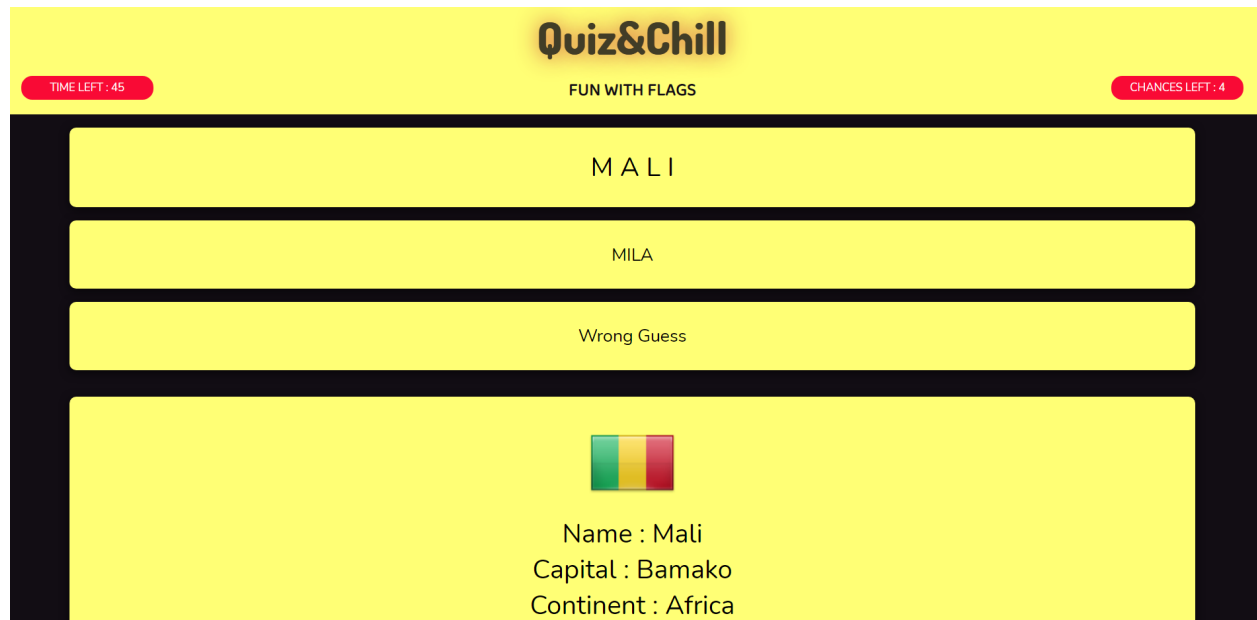
Cinema Quiz



Guess the name of the movie!

A hint will be provided at the top of the screen. Players have to guess the movie in a limited number of trials within 60 seconds as mentioned above. After guessing the correct movie or exhausting the number of trials or if the time period gets over, the movie's **poster** and the **year of release** will be displayed.

Country Quiz



Guess the name of the country!

A hint will be provided at the bottom of the screen. A country map will display. Players have to guess the country in a limited number of trials within 60 seconds as mentioned above. After guessing the correct country or exhausting the number of trials or if the time period gets over, the game will show the country's **name** , **capital** and **continent**.

Technical Details



HTML 5 is used to create, organize and interlink multiple web pages like the home page, contact page and the gaming pages as well. The HTML files used in our project are **index.html**, **contactus.html**, **gamemode.html**, **bot.html** and **bot_country.html**.

CSS 3 is used to create and design an attractive User Interface with captivating color schemes as evident in the website pages. The CSS file **main.css** is linked to all the previously mentioned html files which regulates their composition.

Javascript and JQuery(a JS library) is used to control the backend mechanisms which generates a random movie/country name from a set of data in each mode. The JS files also calculate the transition of pages, keeping track of timer, and the counter of remaining chances. These files also add to the User experience of the entire website by rendering short animation effects within the buttons, menu and some other sections. The Javascript files used are **bot.js**, **bot_country.js** and **test.js**.