## **Project description:**

This project is called Guessing Game. It consists of two games.

* Guess the number
* Guess the color

#### **What I learned in the project:**

In this project, I learned how to use Python Flask framework, for creating an API, that authenticated users who want to play the game.

Secondly, having Redis as a primary database for the project, it was quite interesting to work with an in memory cache database.

And for the frontend part, I learned how to work with states in React, and how to handle events in it, using iternatory operations on UI components, and how to handle timer for tasks.

#### **The most fun part of project:**

My favourite part of the project was when I was creating the UI for the games. It was quite interesting and amusing at the same time.

#### **What were the obstacles that I faced in this project:**

In this project the major issue that I ran into and had to spend a lot of time figuring it out was in the numbers guessing game, where I had to check and update the guessed number on the frontend, at the same time while checking and updating the scores and the lives, user have left. And if the user have no lives left, then game over. Conf issues