FACE RECOGNITION APP

INTRODUCTION:

This is a full stack web development project which can be used for recognizing faces in a image address provided. The face recognition is done with the help of CLARIFAI API.

DETAILS:

FRONTEND:

The frontend of the website is made using ReactJS. The designing of the website is done using CSS. There are 3 pages in total for the website. First one is Sign In page, Then the Register Page and then the profile page in which, the faces present in the image URL we provide will be found out with the help of CLARIFAI API.

The user has to first register using his Name, Email ID and a password to create his profile. After Register, when sign in using the credentials, the user will be directed to the profile page in which there exist an option to provide link of image for which the faces have to be recognized.

The total number of searches the user is made visible in the profile page.

BACKEND:

The backend is made with Node.js. The user credentials are enabled in backend. PostgresSQL Database is used for storing data. The Name, Email ID and password in hashed format is stored in the database. The registered users when Sign in the credentials stored in database is used for verification. Error message will be delivered when a user who has not registered or when wrong credentials are entered while sign in.

CLARIFAI API

The CLARIFAI API is used for detecting faces present in the image.

The Clarifai API is hosted in the backend. It is hosted in the backend s