

VEHICLE NUMBER PLATE RECOGNITION

Android:-

In theory, you can write Android apps in a regular text editor or command line, but the common approach is using an Integrated Development Environment. This tool integrates SDK tools which help to manage in user-friendly manner. Android studio is an official android development IDE. Java is the language listed as the official languages for the development of android. In this application Java is used.

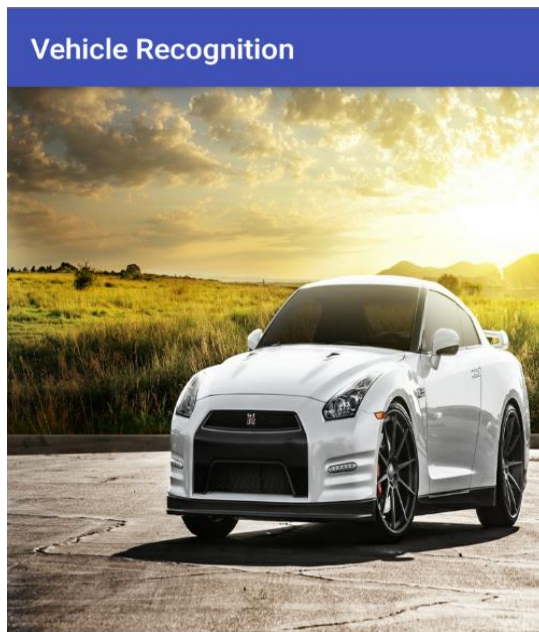
Tools and Tecnology used :-

- 1) Android Studios
- 2) Java
- 3) sqlite

Overview of project:-

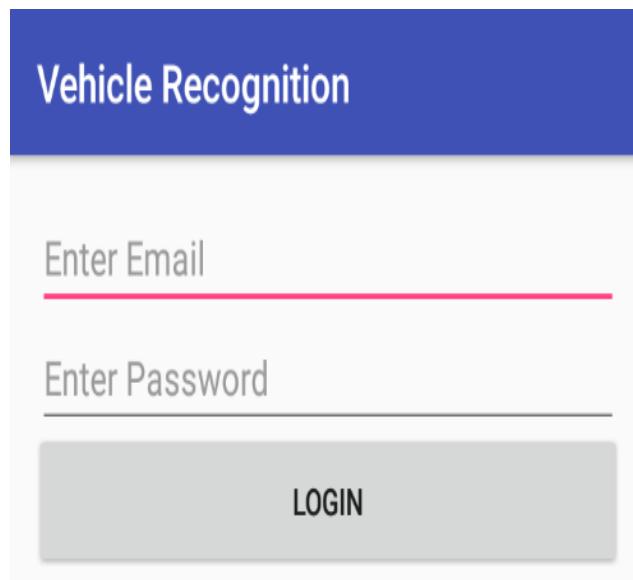
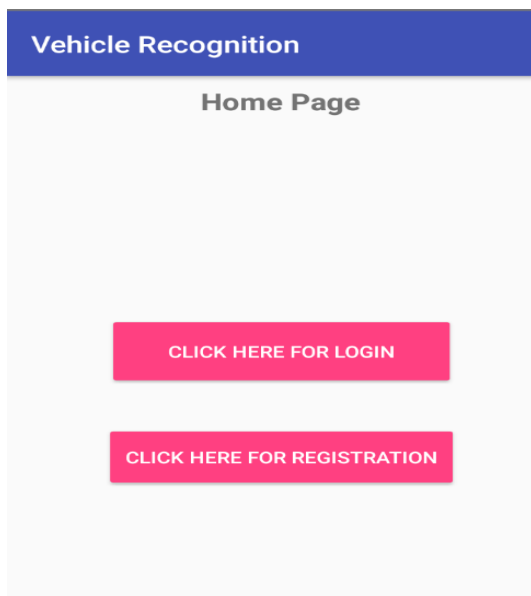
Vehicle number recognition application has all record of particular vehicle if registered. Also it makes it easier for a person to fetch info. of vehicle at any time of any vehicle all the information is stored in database. Due to storage of data in database there will be no loss of data from database. All the data like vehicle details and login details would be stored in database. Android can provide in making the application user-friendly and one which can be used by a large majority of people.

SCREENSHOTS OF PROJECT :-



Home page which display 2 buttons :-

- 1) LOGIN credentials
- 2) Registration of vehicle



Vehicle Recognition tab(for registering vehicle) :-

Vehicle Recognition

Your Name

Your Address

Enter Vehicle Number

Mobile Number

Adhar Number

SUBMIT

Vehicle Registered :-

Vehicle Recognition

Thankyou for Registering

Name

krushnal

Address

ahsl123t

Phone

9408201600

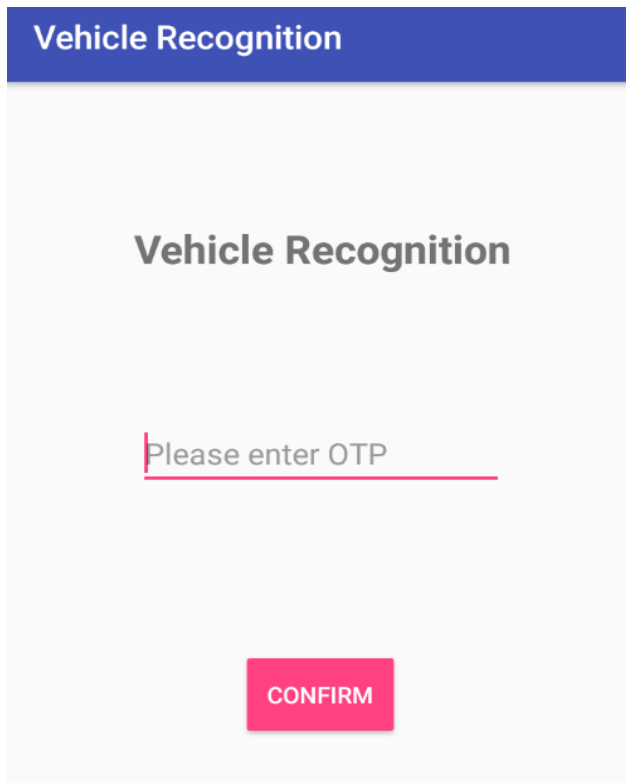
Adhar Number

qwertyasdfgh

Vehicle Number

1200

OTP Verification:-



The screenshot shows a mobile application interface for 'Vehicle Recognition'. At the top, there is a blue header bar with the text 'Vehicle Recognition' in white. Below the header, the main content area has a light gray background. In the center, the title 'Vehicle Recognition' is displayed in bold black text. Below the title, there is a text input field with a red border and a red vertical line on the left side, containing the placeholder text 'Please enter OTP'. At the bottom center of the screen, there is a red rectangular button with the word 'CONFIRM' in white capital letters.

Future Enhancements :-

This application is platform it helps for security purpose it may help in security for getting details of vehicle with the help of this application. Also people can register their vehicle on this app and in future they can view details by logging in . It helps police department in fetching information from database where all the vehicle information is stored.

References :-

<https://www.javatpoint.com › android-tutorial>

<https://www.tutorialspoint.com › android>

<https://stackoverflow.com › questions › tagged › android>

<https://www.youtube.com>