Auto Car Classifier
User Manual

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1 System Overview

This system is a progressive web app that can detect cars in images, extract plates from the images and classify the car according to make model and year

2 System Configuration

This app is configured to run on chrome, safari, firefox and Opera. It is also mobile responsive to phones later than the Samsung S5

3 installation

The user will only need users signup for the service for which is web based app that they will run on their device. Once logged in they will be able to use the car classifier to classify vehicle.

4 Use cases

4.1 Log screen

To login, the user would have to input their credentials and password.

4.2 Upload screen

The user will upload a photo and determine which operation to click on namely CAR, COLOR or PLATES button.

4.3 Car screen

On this screen as you can see the user has a picture that they have uploaded.

4.4 Detected car screen

4.5 Number plate screen

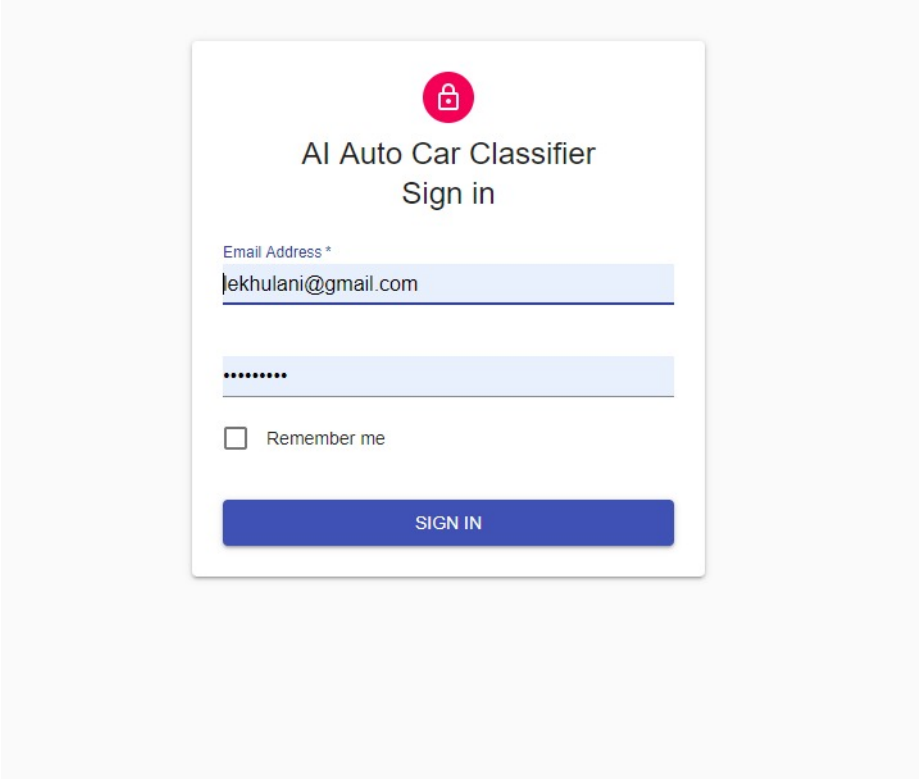

Figure 1: Login Screen

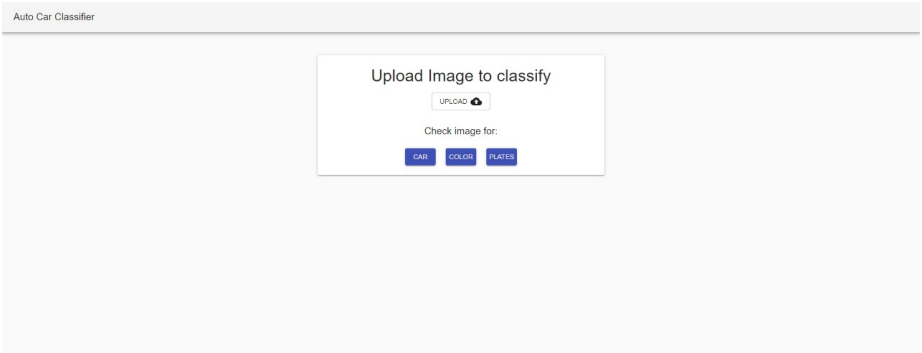

Figure 2: Upload Screen

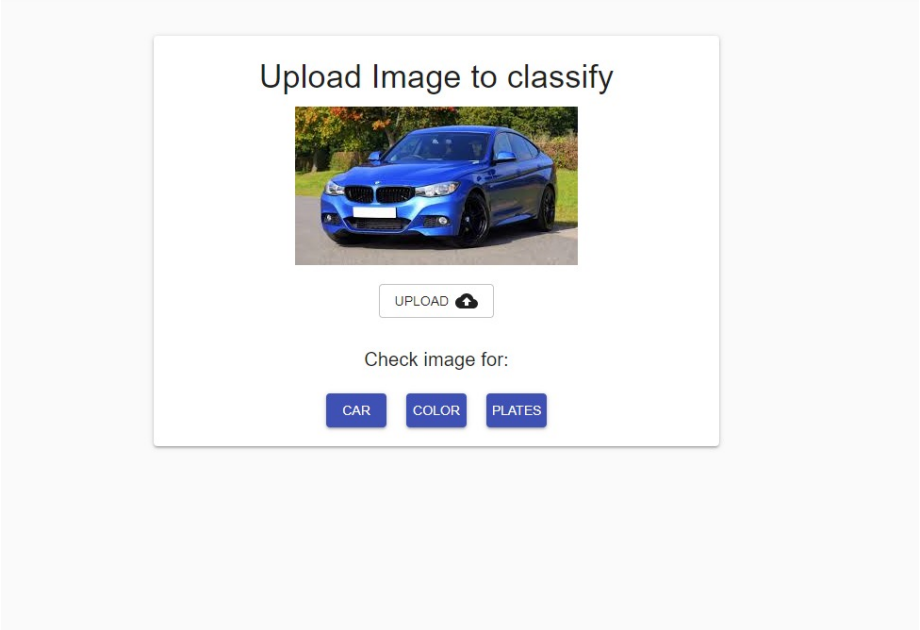

Figure 3: Car Screen

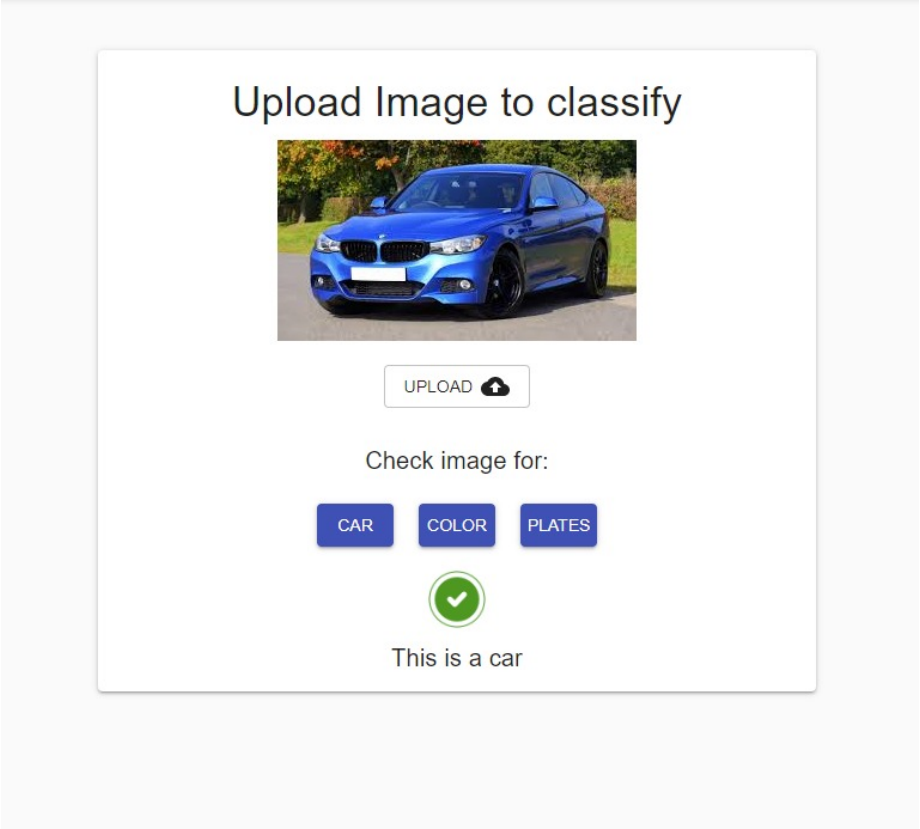

Figure 4: On this screen the car has been detected which is evident from the green ticked. From here the user may classify the car.

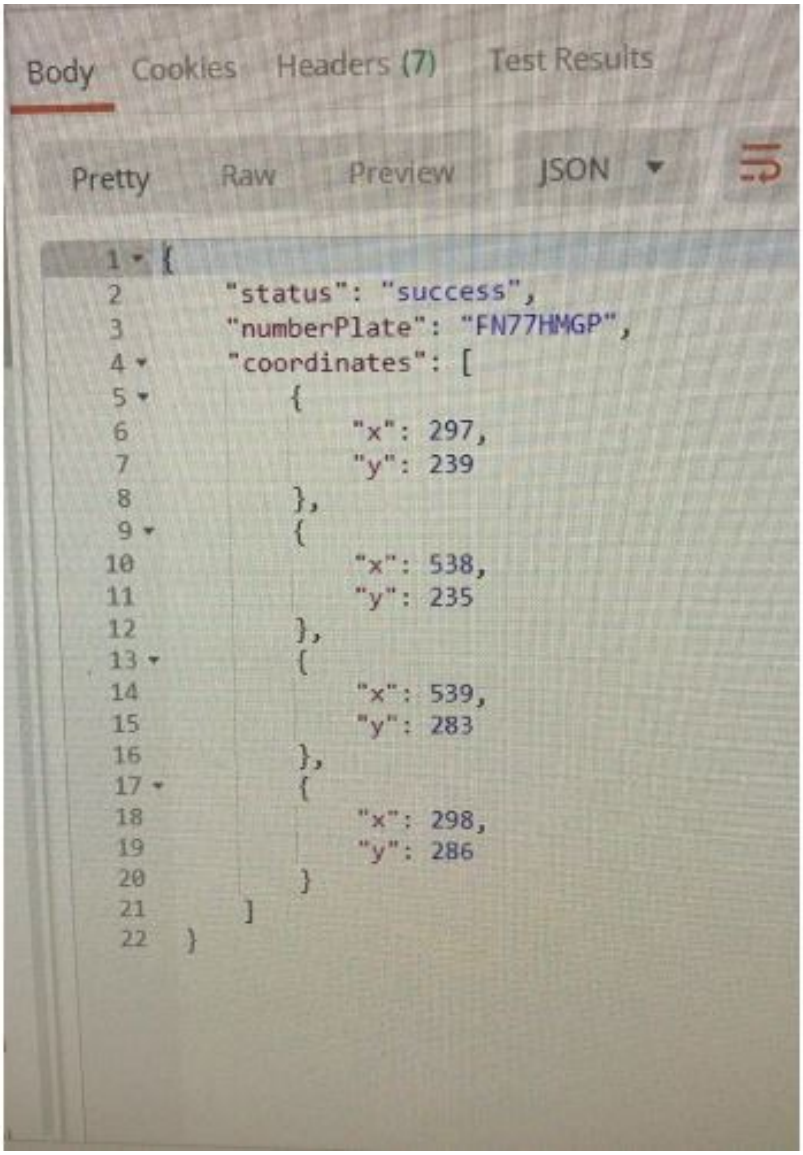

Figure 5: Number plate character recognition and number plate coordinates in the picture upload