Android App Abstract Detection Processs

AR Image Capture

- The app takes a number of pictures for number plate object recognition

Number Plate Object Identification

- Compare image with Haar Classifier trained output to locate number plate object

Perform Optical Character Recognition

- convert image to greyscale, separate characters and perform OCR using neural network trained output data.

Use Number plate Contents to get Data

- make HTTP requests to get information of vehicle (Owner, Vehicle details)

Store Detected Plate in History

- After detection, detected number plates can be viewed from history with detailed information