

Homework 3

Requirements:

Development a Handwriting Recognition Mobile App

This app will have a blank canvas at the bottom of the screen where the user can doodle any number. After the user draws the number (for example “4”), they would click the ‘Detect’ button and the top half of the screen would tell the user which number they have written (look at the image at the top). Then if the user wants to write another number they would click the ‘Clear’ button and the canvas becomes blank again. The screenshot are shown in the following.

Follow the following steps to implement this app:

1. Create the black canvas
2. Integrate TensorFlow Lite model
3. Integrate the MNIST database
4. Add the display screen and user interfaces (“Detect” and “Clear” buttons)

