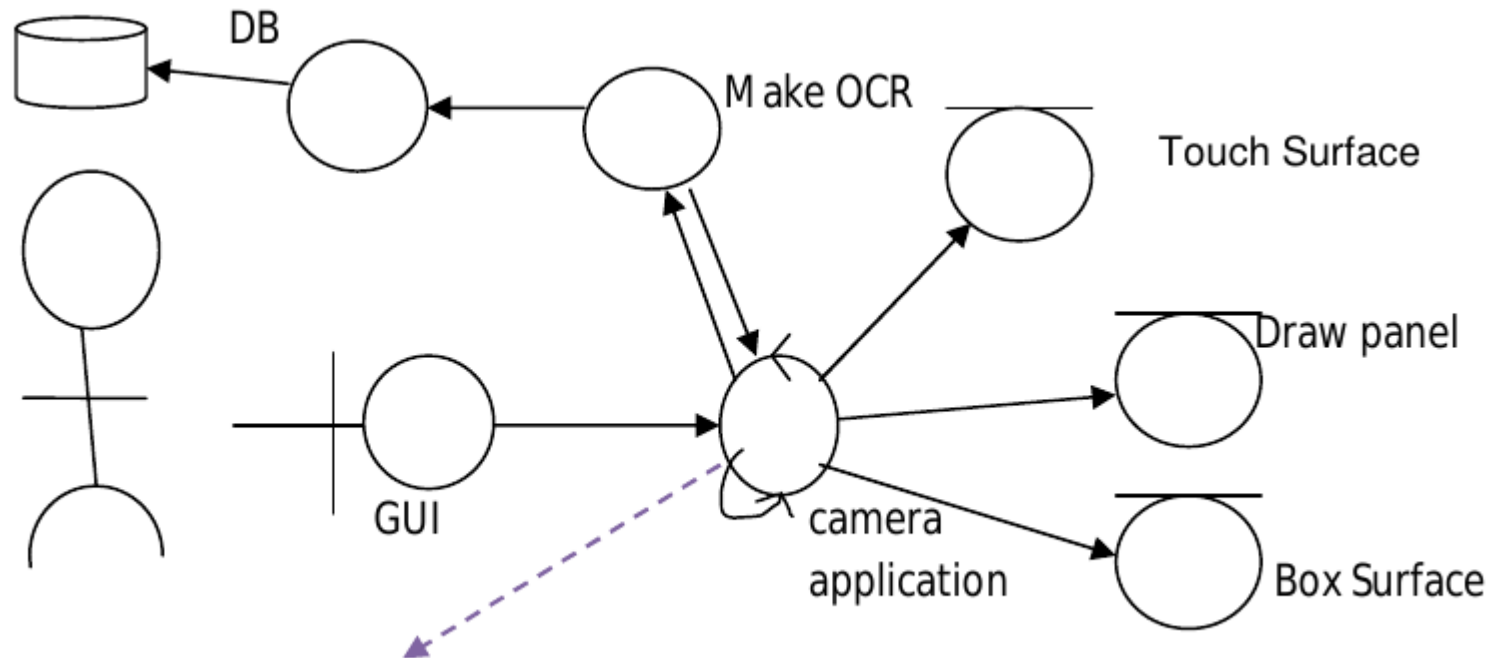# eCortex
English to Arabic translation using smart phone's camera.

eCortex

The principal objective is how to translate an English word to Arabic as fast as possible.

- The main function of eCortex is to achieve this. But to achieve it "as fast as possible", we should use it on a device that is almost always can be available with the user. It is the mobile phone. It is almost an organ of the human body.

- When the user touches, bounds, or draws an English word, a pop-up text will appear showing the translation to Arabic.

- Although there are many incompleteness related to the internal functionality of our project (e.g. the paper to OCR should be as clear as possible), we try to achieve the main objectives and delivering a prototype that has the "important" features with it.
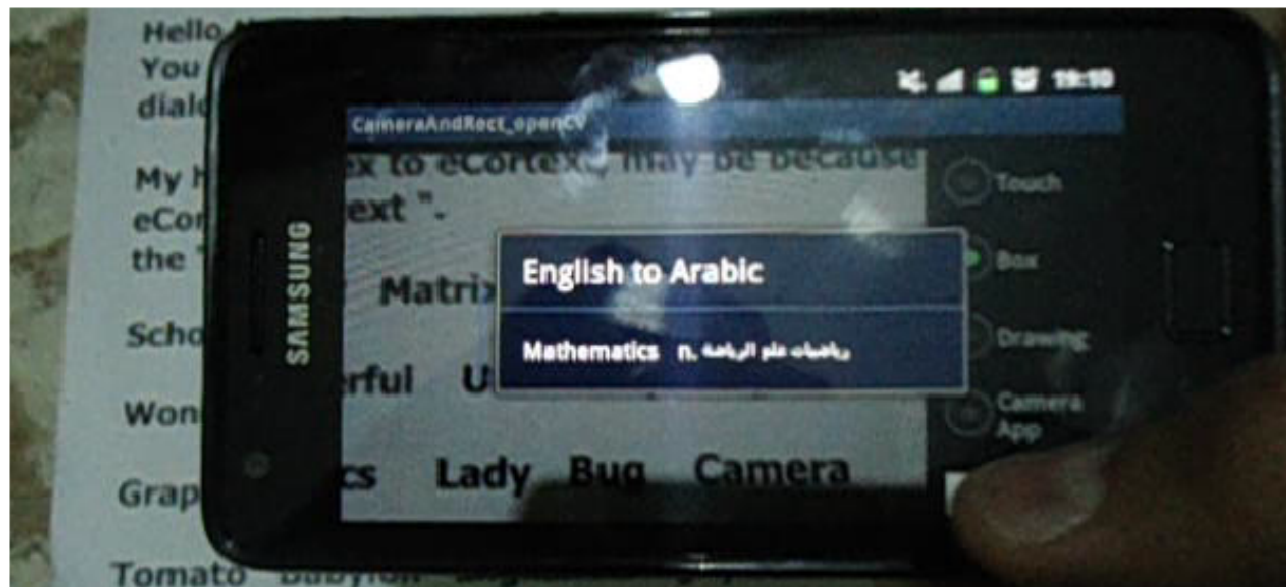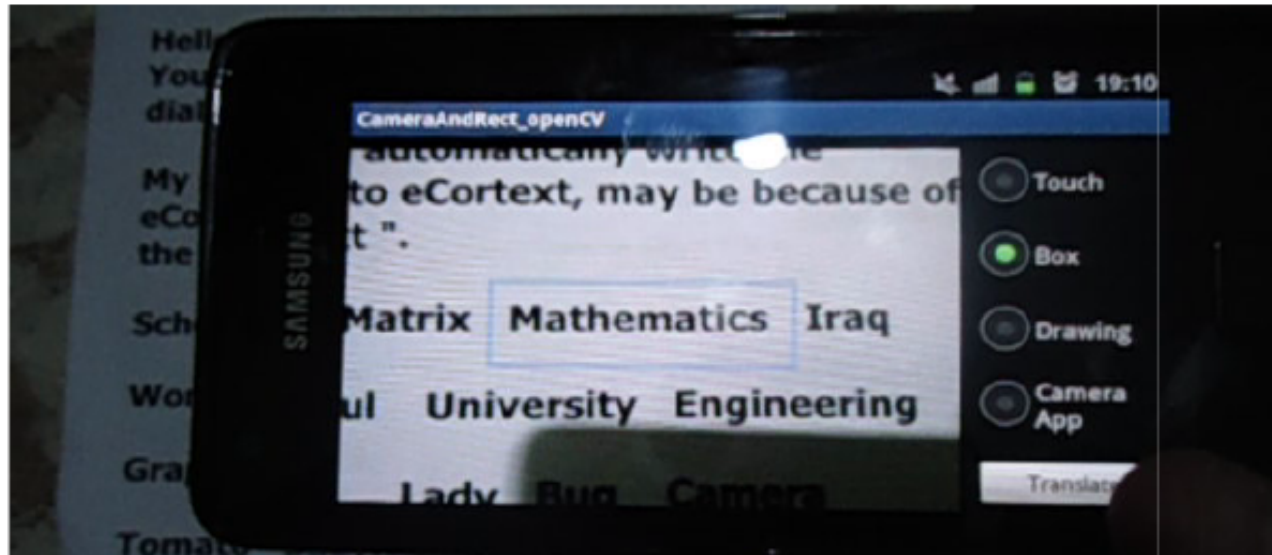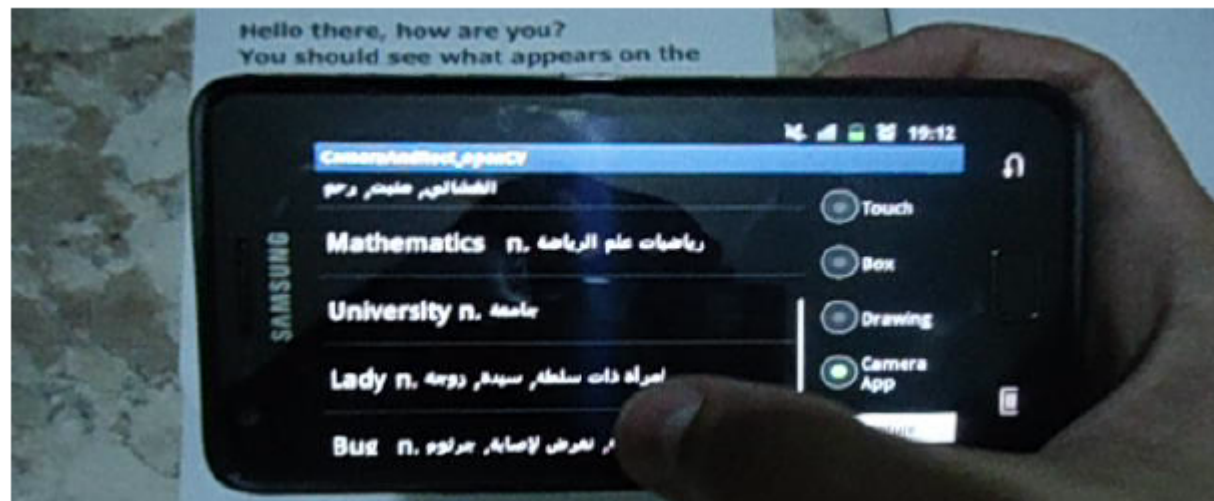
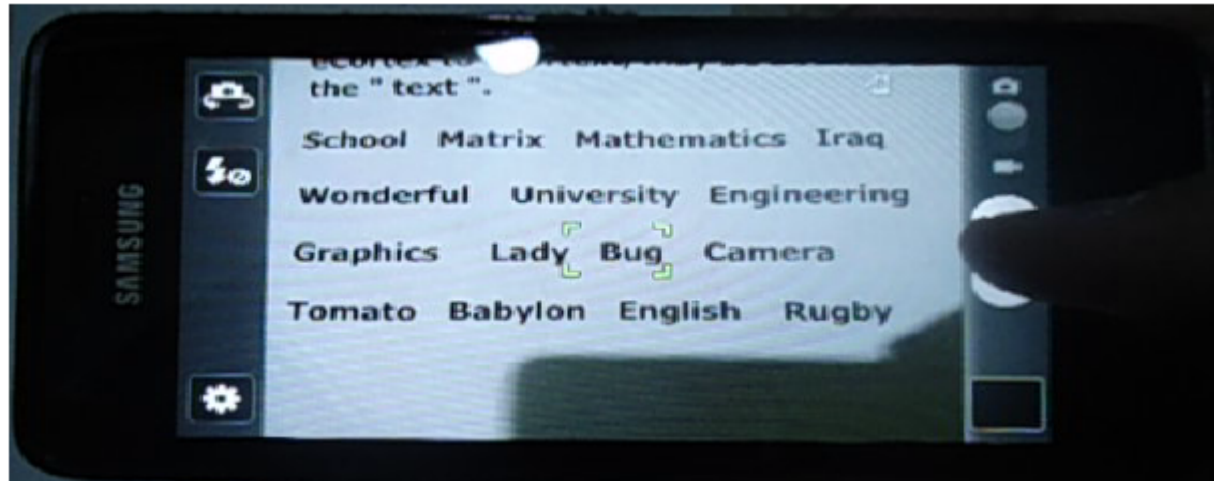# eCortex operation

eCortex interface
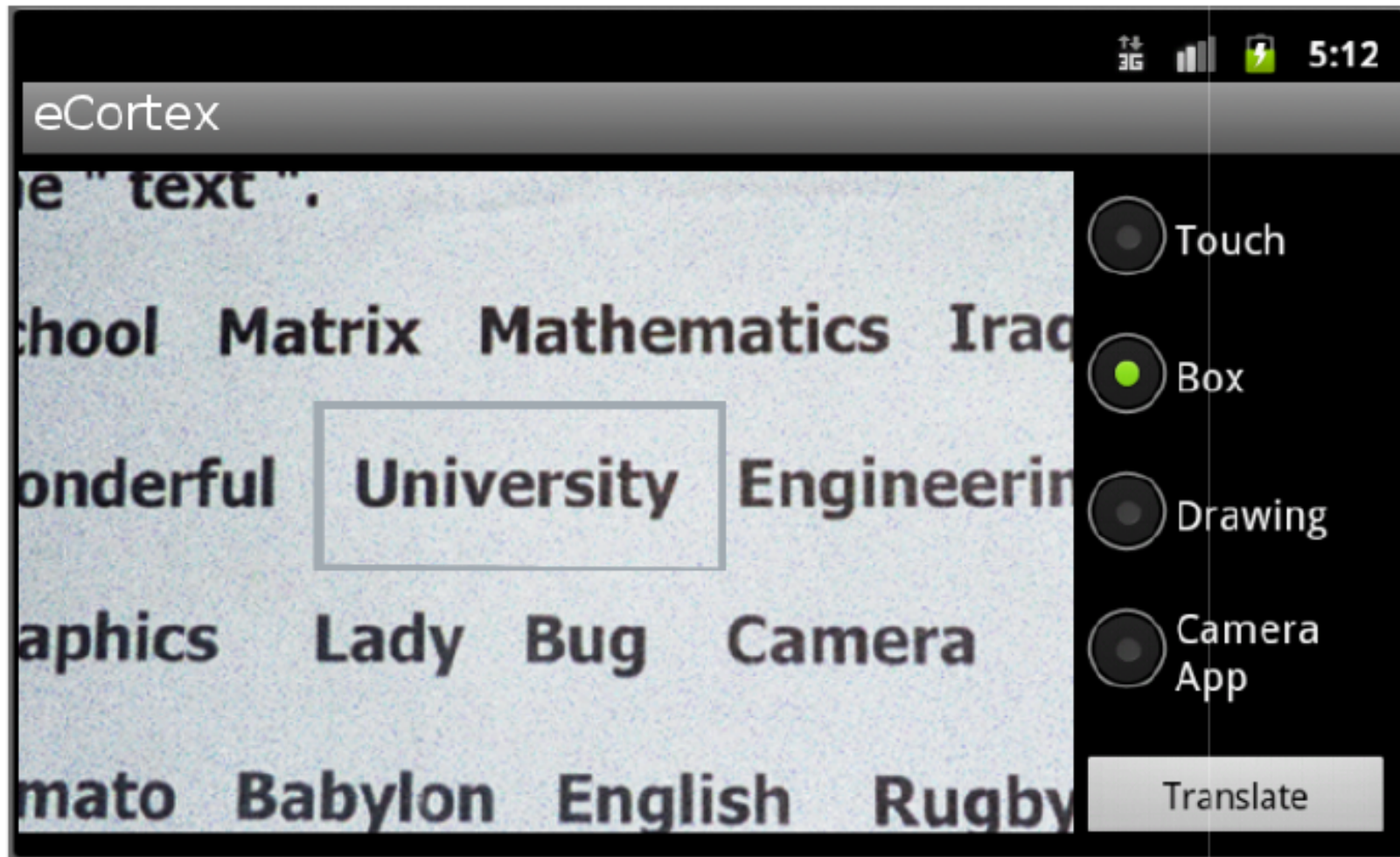
eCortex: How it works

eCortex: How it works

eCortex: Tools

Linux

tesseract-ocr

An OCR Engine that was developed at HP Labs between 1985 and 1995... and now at Google.