

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light green color. They are positioned diagonally, with the blue one in front of the green one.

Android-OCR

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What is an Android App? Which programming language does it use?

An Android app is a software application running on the Android platform. Because the Android platform is built for mobile devices, a typical Android app is designed for a smartphone or a tablet PC running on the Android OS.

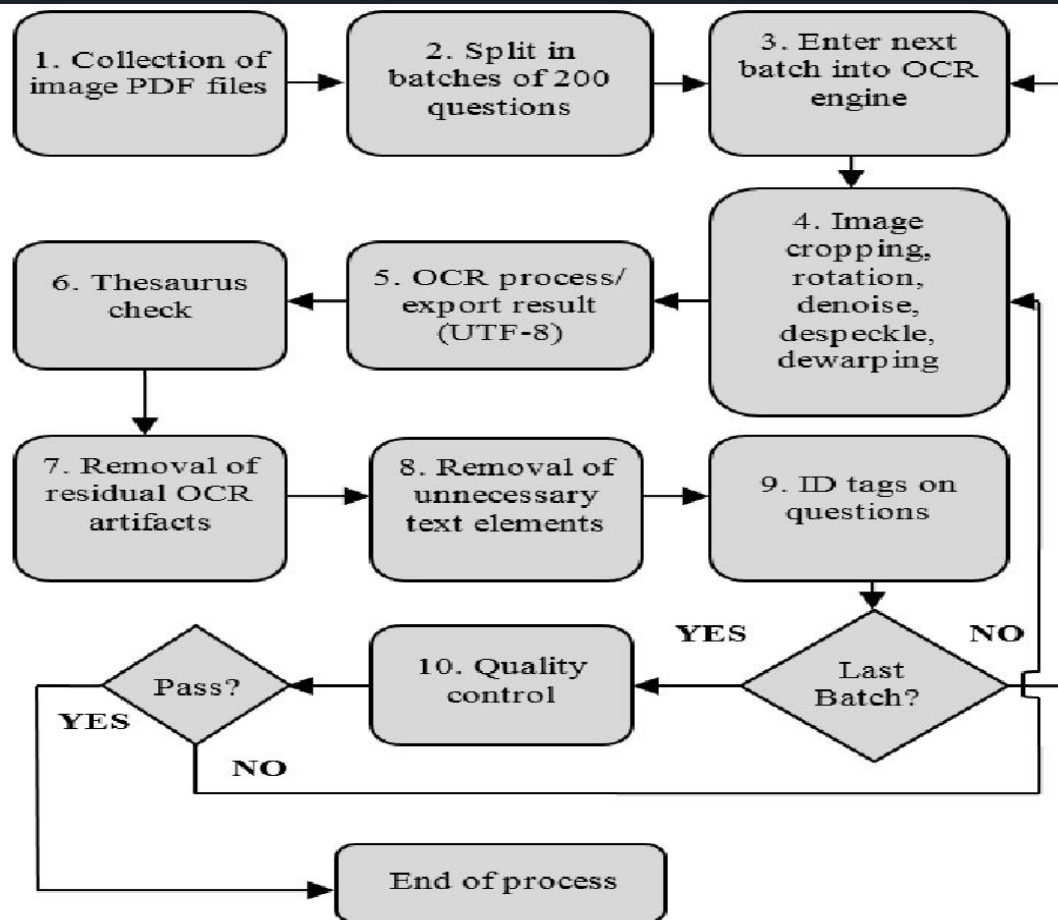
Supports 3, Java, Kotlin and C++.



Optical Character Recognition?

The Identification of printed characters using photoelectric devices and computer software.

An app which uses the camera in order to take pictures and vidoes for the purpose of OCR is called an OCR-App.





Is the code hard? Do I need to know ML?

No, but the file structure in android development could be pretty deceiving.

You need to know what is roughly going on in the backend, nothing more.

Let's get to the code in a little bit.
Repository visit.



Live Demo +Applications of OCR

- Data entry for business documents, e.g. check, passport, invoice, bank statement and receipt
- Automatic number plate recognition
- In airports, for passport recognition and information extraction
- Automatic insurance documents key information extraction
- Extracting business card information into a contact list^[9]
- More quickly make textual versions of printed documents, e.g. book scanning for Project Gutenberg
- Make electronic images of printed documents searchable, e.g. Google Books
- Converting handwriting in real time to control a computer (pen computing)
- Defeating CAPTCHA anti-bot systems, though these are specifically designed to prevent OCR.^{[10][11][12]} The purpose can also be to test the robustness of CAPTCHA anti-bot systems.
- Assistive technology for blind and visually impaired users