Image Document Optimization

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Overview

Our primary objective is to get printed as well as handwritten details extracted from the Bank document for it may be of any kind.

Goals

1. Correct orientation of the document
2. Extract relevant details from the document like Name, Pan number etc
   As per need.

Specifications

In this process we gather details of different kind of bank forms and used some of them Which have handwritten as well as printed data to be extracted. (refer the video attached)

Procedure

We created a grid specifically designed for specific documents for the respective bank Which can be customized in future. Now that grid helps program to mark places where Possible information can be found.

This process needs the document to be aligned in perfect page style. Here SKEW CORRECTION or say orientation correction of page is required.
After achieving that we progressed to extracting data which is required by slicing the image Itself. Handwritten data is processed by OCR ofcourse with refined arguments passed in it.

This data is then merged and aligned according to the need.

Milestones

I. ### Document Orientation Correction

Documents if not correctly oriented are successfully corrected for better view and Better processing

II. ### Extracting Handwritten data

Handwritten data from the documents are being extracted after detection.