The end goal is to create a mobile app for the application. Tolu is working on the frontend, I am working on the backend and OCR functionality

Optical character recognition or optical character reader (OCR) is the electronic or mechanical conversion of images of typed, handwritten or printed text into machine-encoded text, whether from a scanned document, a photo of a document, a scene photo (for example the text on signs and billboards in a landscape photo)

Optical character recognition. (2023, August 18). In *Wikipedia*. <https://en.wikipedia.org/wiki/Optical_character_recognition>

**TESTING PYTESSERACT AND EASYOCR**

|  |  |  |
| --- | --- | --- |
| **Input Image** | **pytesseract** | **easyocr** |
|  | ebe 12s  Tessevnucke OCR | ['a 6 c | 2 3', 'Tesseract', 'OCR'] |
|  | Clone - OM ty TEIZ  4 SFat-® » 4 §,000.0%  beau  hosgu Nowa 19 3506555  N Ort = | ['Koan Nvmbul', '8o 13 4 6 1 2', 'Toldd', "doku'=", '2-23-2o19', 'Gslm I0 -', '80941512 77', '45)o00.oo', '3', '542424-42', '2', 'Nimbo', '3', '193506558', 'kceourt', 'LLC', 'Kom Ano', '(NiT', 'Nan+', 'Kraunl', '(00'] |
|  | in addition, I have attended  national conferences in the United Kinga  Canada, Australia, New Zealand, Papua New Guine  Africa, Male@i, India and Angola. I have also,  delivered lectiires and conducted seminars at th  (Departnent of Biological Anthropology, Departn  upon~Tyne (Derartment of Hunan Genetice) and D  in England, of Caze Town and the Witwatersrand  Universiteit (in Afrikaans) in South Africa, thi  K(Devartnent of Human Biology, Department of Ant) | ['In addition', 'have attended', '210\_', 'ielivered', 'pa pel', 'Tezione1', 'conferences', 'tne', 'Uzitcd', 'chc', 'Carada', 'irstralia\_', 'New Zealand\_', 'Pazua Few Guinea', 'Africa\_', 'Kalexi', 'Inaia', 'an ArGola', 'have als0', 'delivered', 'lectures', 'and', 'coniucted', 'seminars', 'the', '(Departnent', 'of Biological', 'inthropolosy', 'Departne', 'pon-Tyne (Dersrtnent', 'of Hunar Genetice)', 'and', 'Dur', 'in England', 'Caze Towmn', 'and', 'the Witkatersrand', 'Universiteit (in Afrikaans)', 'in Soulh Africa', 'the', '(Departien-', 'funer Biolop;', 'Detartcent', 'Fingo'] |
|  | This is a lot of 12 point text to test the  ocr code and see if it works on all types  of fle format,  The quick brown dog jumped over the  lazy fox. The quick brown dog jumped  over the lazy fox. The quick brown dog  jumped over the lazy fox. The quick  brown dog jumped over the lazy fox | ['This is', 'ot of 12 point text to test tne', 'ocr code and see if i warks on all types', 'of file format:', 'The quick brown', 'jumped over the', 'lazy fox. The quick brown', 'jumped', 'Ove', 'the lazy fox The quick browr', 'jumped over the', 'azy fox The quick', 'brown cog jumped over the lazy tox:', 'dog', 'dog', 'dog'] |
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