To: Tridha Chatterjee

From: Surya Katari

Date: 03/01/2020

Re: References for Research Paper

[1]Qi Li, Weihua An, Anmi Zhou, and Lehui Ma. "Recognition of Offline Handwritten Chinese Characters Using the Tesseract Open Source OCR Engine." 2016 8th International Conference on Intelligent Human-Machine Systems and Cybernetics (IHMSC) 2 (2016): 452-56. Web.

- This paper gives information about Tesseract OCR engine,which is used to extract text information from the image.I plan to use Tesseract OCR,so this paper will act as a good reference

[2]Hasnat, M.A, M.R Chowdhury, and M. Khan. "An Open Source Tesseract Based Optical Character Recognizer for Bangla Script." 2009 10th International Conference on Document Analysis and Recognition (2009): 671-75. Web.

- This paper gives information about enhancing the image quality, before feeding the image to the Tesseract OCR.Techniques to improve image quality can be referred from this paper.

[3]Pradeep, J., E. Srinivasan, and S. Himavathi. "Neural Network Based Handwritten Character Recognition System without Feature Extraction." 2011 International Conference on Computer, Communication and Electrical Technology (ICCCET) (2011): 40-44. Web.

- This paper talks about Neural Networks involved in recognizing the text from the images. Terminiology required to understand the functionalities of OCR can be referred from this paper.

[4] Kishna, N. P. Thulasi, and Seenia Francis. "Intelligent Tool for Malayalam Cursive Handwritten Character Recognition Using Artificial Neural Network and Hidden Markov Model." 2017 International Conference on Inventive Computing and Informatics (ICICI) (2017): 595-98. Web.

- This paper gives information about another OCR which is used to extract text information from the image. Additional information to understand different types of OCR's available right now in the market.

[5] Das, Supriya, Purnendu Banerjee, Bhagesh Seraogi, Himadri Majumder, Srinivas Mukkamala, Rahul Roy, and Bidyut Baran Chaudhuri. "Hand-Written and Machine-Printed Text Classification in Architecture, Engineering & Construction Documents." 2018 16th International Conference on Frontiers in Handwriting Recognition (ICFHR) 2018 (2018): 546-51. Web.

- This paper talks about extracting architectural diagrams from images.In future If I want to add additional functionalities other than extracting only text from the images,I could refer this paper.