IET HACK AND CODE 5.0

TEAM NAME : **THE STARKS**

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PROBLEM STATEMENT : **A MECHANISM IS REQUIRED THAT CAN ANALYSE HANDWRITTEN TEXT AND THEN CONVERT IT INTO THE EDITABLE TEXT .**

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IDEA 

- Handwritten text is unique for everyone. The handwritten text for doctors and judges are very complex and not easily understandable.
- The handwritten text document is scanned and it is should be converted into an editable document, converted into other regional language of users choice.

DEPENDENCIES 

- Optical character recognition (OCR) lets you turn scanned images into text so you can turn paper-based documents into editable, searchable, digital documents.
- OCR analyses the patterns of light and dark that make up the letters and numbers to turn the scanned image into text.
- The OCR we are using is Pytesseract which gives accurate results of handwritten text from images.

USE CASE

- First the text is extracted from the image using pytesseract OCR.
- Now the extracted text undergoes feature extraction and segmentation.
- The recognized text will be displayed in the editable document format.
- The content which is in the document can be changed into other regional languages.

TECHNOLOGY STACK