A NOVEL BASED METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM

PROBLEM STATEMENT:

Getting an image as an input which contains human handwritten digits or letters. Pre-process the image to split up each handwritten digit. Recognize the digit from the image by using the trained model.

Who does the problem affects?	Individual: It is useful for those who want to extract digit from the written document.
What are the boundaries of the problem?	Organisation: Service like post uses the application of handwritten digit recognition. Not all peoples style of handwritings are same. So different type of handwritings are to be analysed.
What is the issue?	In case of manual recognition, it is monotonous work has to be done and human error might be possible.
When does the issue occur?	There are different types of position, orientation of digits in handwriting. While scanning those digit image, issue can be occurred. So different types of images are to be processed.
Where is the issue occurring?	While doing a manual work of digit recognition, error can occur at recognition. Even at digital recognition, different orientation of digits are difficult to identify.