**CONVERSION OF HANDWRITTEN DOCUMENTS USING IMAGE PROCESSING AND NEURAL NETWORK**

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**Project Guide**

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**Problem Statement**

There are various problems can be occurs while reading the handwritten documents because all characters has not fixed size and shapes .Some other problems are overlapping of character, touching character, skewed character and problem of irregular intensity with the character.

**Problem Solution**

To overcome the problem of reading handwritten hard documents we develop new software using combination of image processing and neural network to convert into digitalized form.

**Functional requirements**

* The developed system should recognize handwritten character present in the image.
* The developed system must provide the quality of service to user.
* Also it provides the accuracy for character recognition.

**Non Functional requirements**

* Performance:

Handwritten characters in the input image will be recognized with an accuracy .

* Functionality:

This software will deliver on the functional requirements.

* Flexibility:

It provides the users to load the image easily.

* Learn ability:

The software is very easy to use and reduces the learning work.

**System Requirements**

* Hardware requirements:
* Scanner
* RAM
* Hard Disk
* Software Requirements:
* Android
* Java API packages
* API packages for neural network
* oracle

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