**A Novel Method for Handwritten Digit Recognition System**

**PROBLEM STATEMENT**

Character recognition plays an important role in the modern world. It can solve more complex problems and makes humans’ job easier. The handwritten digit recognition is the capability of computer application to recognize the human handwritten digits. it is the hard task for the machine because handwritten digits are not perfect and can be made with many different shapes and size

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| Who does the problem affect? | it affect the people, machine |
| What is the issue? | it is the hard task for the machine because handwritten digits are  not perfect and can be made with many different shapes and size |
| When does the issue occurs? | When the digit could not be recognized correctly.  When the elder people unable to understand the smaller handwritten digits. |
| Where is the issue occurring? | the issue occurs when the machine unable to recognize the handwritten digit |
| Why is it important that we fix the problem? | By solving this issue it make the human job easier .  And the machine correctly recognize the digit |