**A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM**

**PROBLEM STATEMENT**

The handwritten digit recognition is the ability of computers to recognize human handwritten digits. It is a hard task for the machine because handwritten digits are not perfect and can be made with many different styles. The handwritten digit recognition is the solution to this problem which uses the image of a digit and recognizes the digit present in the image.

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| **Problem Statement (PS)** | **PS-1** |
| **I am (Customer)** | Shopkeeper |
| **I’m trying to** | scan the price and quantity of the  product from the handwritten digit  in printed list. |
| **But** | some digits are recognized wrongly. |
| **Because** | the numbers like 1 and 7,5 and 6,  3 and 8 are get mistaken |
| **Which makes me feel** | Helpless |