

PROBLEM – SOLUTION FIT: PROJECT NAME :

A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM

Team Members: Aditi Chakraborty , Akilesh,R.Deepika, Chidambaram

1.CUSTOMER SEGMENT(S):

Customers who deal with handwritten numbers include banking industries, educational institutions, and other

railroads, businesses, etc

4. AVAILABLE SOLUTIONS

There are no widely used programmes that can read handwriting; instead, they confirm the number with other people.

7. CHANNELS OF BEHAVIOUR

Use online available software. Enlisting the aid of individuals in the area in order to identify the numbers that their clients have written

2. JOBS-TO-BEDONE/PROBLEMS:

Sometimes it might be challenging to read and understand handwritten numbers. When working with, it could result in mistakes.

sloppy writing.

5.CUSTOMER CONSTRAINT(S):

They think that the alternatives will cause mistakes,accidents and inconvenience

8. PROBLEM ROOT CAUSE

Due to varying written pattern and the lack of optical characters identification provided by this inquiry, we counter many difficulties while attempting to recognise handwritten numbers.As a result, we can compare various techniques

3. TRIGGERS

to rapidly and precisely collect the statistics.

6. BEHAVIOUR

Finding the finest software to more quickly and accurately recognise digits

9. YOUR SOLUTION

Hand written digits evolution system, which employs a photograph of a digit existing in the image convolutional neural network model belt with 5% MNIST dataset