types

its

1. CUSTOMER SEGMENT(S)

6. CUSTOMER CONSTRAINTS



5. AVAILABLE SOLUTIONS

handwritten digits.



Explore

BS

cus on J&P, tap into BE, understanc

Extract online & offline CH of

· Used in Banking and Post Office

Time

 Register Office Passport and visa Office

- Accuracy
- Government Document Verification Office
- Ease to access

Imperfect findings

different

has

handwriting are in world. Each and

characteristics and uniqueness. Its

difficult to understand the different

· Using this system, they can resolve this type of problems.

. In past they get trouble in finding

Aadhar Sector

· Pros of this system is quick recognition and Accurate prediction.

 Medical Department Old Age People

· Cons are using this system Knowledge about the system is required.

2. JOBS-TO-BE-DONE / PROBLEMS



own

9. PROBLEM ROOT CAUSE



7. BEHAVIOUR



are

handwriting

people's handwriting digit.

Not everyone can understand everyone's handwriting.

- · The handwriting is differed from person to person.
- . So, it is difficult to recognize the digit.
- . To solve this problem this system has developed.



- · Designing the best software that more quickly and accurately identifies the handwritten digits.
- · To address the problem, they can take scan copy of the handwritten digit and upload it in the software

3. TRIGGERS

There

everv



10. YOUR SOLUTION



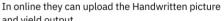
8. CHANNELS of BEHAVIOUR



- · When provide accurate output.
- · Anvone can use it.
- · Good user experience.

for training the model.





4. EMOTIONS: BEFORE / AFTER



- · It is a quite irritating and frustrating while manually convert the handwritten digits.
- · By using our system, user can save the time and reduce the error occur on recognition.
- · The model gets the image of the handwritten digits and recognizes the handwritten digits.

A Novel method for Handwritten Digit

Recognition System helps in recognizing the

handwritten digits that uses MNIST dataset

· CNN algorithm is used over the MNIST dataset to recognize the handwritten digits.

OFFLINE

and yield output

In offline they can ask their neighbours to scribble the digits to find them.