Explore

AS,

differentiate

Define Person who are at industry side for recognizing various handwriting digits. 2. JOBS-TO-BE-DONE / PROBLEMS There are different types of handwriting are in the world. Each and every handwriting has its own characteristics and uniqueness. Its difficult to understand the different people's handwriting digit. 3. TRIGGERS TR 4. EMOTIONS: BEFORE / AFTER

1. CUSTOMER SEGMENT(S)

CS

J&P

- People working in bank, post offices and paper correction center.

6. CUSTOMER CONSTRAINTS

Accuracy

Ease to access

Imperfect findings

Time



5. AVAILABLE SOLUTIONS



- In past they get trouble in finding handwritten digits.
- Accurate prediction
- Knowledge about the system is required.

9. PROBLEM ROOT CAUSE



- People have different handwriting which makes it difficult for user to recognize the digits written.
- Vehicles moves really fast which makes it difficult to quickly recognize vehicle plate number.

7. BEHAVIOUR



- User manually try to find he written digits which may lead to incorrect the postal address
- User ignore the vehicle plate number that couldn't be recognized easily.

To quickly and precisely obtain the digits



Customers become irritated and frustrated because they can't properly read the handwritten digits.

They become confused and anxious as a result of not being able to finish their work on time.

10. YOUR SOLUTION



A novel method for a handwritten digits recognition system helps in recognizing the handwritten digits that uses MNIST dataset for training the model. The model gets the image of the handwritten digit and recognizes the handwritten digit. Convolution neural networks algorithm is used over the MNIST dataset to recognize the handwritten digits.

8. CHANNELS of BEHAVIOUR



8.1 **ONLINE**

Utilizing the software that is offered in the online market

8.2 OFFLINE

Enlisting the assistance of nearby people in order to identify the numbers that their clients have scribbled.