

Define CS, fit into CC

1. CUSTOMER SEGMENT(S)

Customer are the one who are working with reading handwritten digits manually. Bank employees and postal mail sorters are the major customers.

6. CUSTOMER CONSTRAINTS

Whether digits are recognized Accurately ?

Is this product trustworthy ?

5. AVAILABLE SOLUTIONS

There are no popular softwares to detect the handwriting , they check with the other people to confirm what number it is .

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS

Sometimes, the Handwritten digits are very hard to understand and interpret . It may lead to errors while dealing with rugged handwritings

9. PROBLEM ROOT CAUSE

Wide variety of writing styles used by different people.

It is easy for the human to perform a task accurately by practicing it repeatedly and memorizing it for the next time

7. BEHAVIOUR

Find a right product that recognizes the digits written in all kinds of handwriting accurately and fast .

Focus on J&P, tap into BE, understand RC

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| 3. TRIGGERS To get number accurately and quickly as possible. | 10. YOUR SOLUTION The Handwritten digit recognition system which uses the image of a digit and recognizes the digit present in the image. Convolutional Neural Network model over the MNIST dataset to recognize handwritten digits can be deployed. | 8. CHANNELS of BEHAVIOUR Online: Utilizing software that is offered in the online market. Offline: Getting help from the persons nearby in order to recognize the digits written by their customers. |
| 4. EMOTIONS: BEFORE / AFTER Time consuming ,Manual effort ,Irritated After: Fast, Less manual effort , Happy customers | | |