Problem-Solution Fit

1. CUSTOMER SEGMENT(S) CS	**6. CUSTOMER CONSTRAINTS** CC	**5. AVAILABLE SOLUTIONS** AS

Define CS, fit into CC — *Explore AS, differentiate*

1. Bank Employee
2. Post officer
3. Old age people
4. Traffic controllers

Android mobiles and computer with camera is required.

Latest browser with network connectivity needed.

Google handwritten recognition app	Pros: Wide range of handwritten styles recognized. Cons: Not user friendly
Transkribus	Pros: Recognizes quickly Cons: Specific regional recognition

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2. JOBS-TO-BE-DONE / PROBLEMS J&P	**9. PROBLEM ROOT CAUSE** RC	**7. BEHAVIOUR** BE

Focus on J&P, tap into — *Focus on J&P, tap into C*

Document of Handwritten digit can be recognized.

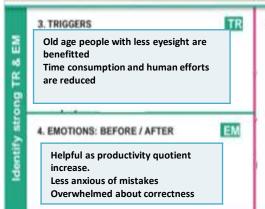**Different Handwriting styles of digit can be identified.**

Human efforts for digit recognition.

Correctness and optimality is needed in digit recognition.

To identify the handwritten digits of customers from image or canvas.
Can be used in online and offline mode.

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3. TRIGGERS TR	**10. YOUR SOLUTION** SL	**8. CHANNELS of BEHAVIOUR** CH

Identify strong TR & EM — *Extract online & offline CH of BE*

Old age people with less eyesight are benefitted
Time consumption and human efforts are reduced

4. EMOTIONS: BEFORE / AFTER EM

Helpful as productivity quotient increase.
Less anxious of mistakes
Overwhelmed about correctness

We use the digit image to recognize the handwritten digit using convolutional Neutral Network Model created using PyTorch library over the MNIST dataset.

Website: in online customer can identify handwritten digits.
App: in offline we can identify the handwritten digits.