Problem-Solution fit canvas 2.0

Purpose / Vision

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Bank employees, Postal mail sorters

6. CUSTOMER CONSTRAINTS — CC

Whether digits are recognized Accurately ?
Is this product trustworthy ?

5. AVAILABLE SOLUTIONS — AS

Designed to recognize only digits, hence much efficient and accurate than OCR

Explore AS, differentiate

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

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Trustworthy ,Fast and accurate recognition of digits.

9. PROBLEM ROOT / CAUSE — RC

People may think that it may not accurately predict the digit and not trustworthy.
Inaccurate prediction of digits in postal letters and bank cheques causes lot of issues.

7. BEHAVIOUR — BE

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

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

Identify strong TR & EM

3. TRIGGERS — TR

Seeing the OCR that recognizes the characters, comes up with a mind to use a handwritten digit recognizer.

4. EMOTIONS: BEFORE / AFTER — EM

Time consuming,frustrating>saves time,no manual effort,less stress

10. YOUR SOLUTION — SL

A handwritten digit recognition system using CNN that is trained with several combinations of handwriitings.

8. CHANNELS of BEHAVIOUR — CH

8.1 ONLINE

The system exhibits the similar behavior as in offline

8.2 OFFLINE

Predicts the digits accurately even in offline

Extract online & offline CH of BE