S

Problem-Solution fit canvas 2.0

Purpose / Vision

CS

J&P

1. CUSTOMER SEGMENT(S)

One who wants to extract digits from handwritten text images

6. CUSTOMER CONSTRAINTS

- Unclear image will not giveaccurate results.
- Limited resource.

CC J. AVAILABLE JULUTIUNS

> Traditional systems of handwriting recognition have relied on handcrafted feature and a large amount of prior knowledge.

2. JOBS-TO-BE-DONE / PROBLEMS

- The general problem would be while classifying the digits.
- To enhance the image preprocessing.

9. PROBLEM ROOT CAUSE

- The issue is that there's a wide range of handwriting -good and bad.
- Different styles of handwriting.

7. BEHAVIOUR

RC

- Customers must try with clear image and neat handwriting to get accuracyin digits
- Must update the datasets frequently

3. TRIGGERS

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Identify strong TR

• For recognition of handwrittendigits and text from old documents

10. YOUR SOLUTION

It uses Artificial Neural Network to recognize them. Neural Network is used to train and identify written digits.

EM

TR

4. EMOTIONS: BEFORE / AFTER

Before: frustration, exhausted

After: curious, satisfied

8. CHANNELS of BEHAVIOUR

8.1 ONLINE Extract online channels

8.2 OFFLINE

Extract offline channels from different handwriting styles

CH

BE

Explore AS, differentiate