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Empathy Mapping

A Novel Method For Handwritten Digit Recognition System.

Using only images of the digits is a demerit.

Could have been trained to read data other than digits to convert it into digital data.

It is not suitable for other languages.

Handwritten digits need to be recognized quickly and the output needs to be accurate too.

It is a way to digitalize written numerical data.

What do they THINK AND FEEL?
what really counts
major preoccupations worries & aspirations

It needs to be accurate for most of the time to be used.

What do they HEAR?
what friends say
what boss say what influencers say

What do they SEE?
environment what the market offers friends

Compatibility to devices.

Cost and Budget for the system.

What do they SAY AND DO?
attitude in public
appearance behavior
towards others

Easy accessibility, updates and features that satisfies the user.

Recognize handwritten digit and converts it into digital data.

Blind people who find difficulty to interact with tech devices such as keyboards and smartphones, would find it easy to write down the numbers and convert it into digital information.

It can be used when users work together in a company and share numbers data with handwritten notes.

PAIN
fears frustrations
obstacles

GAIN
"wants" / needs measures of success

Digits are sensitive data so in some cases so, if the hand written data is recognized wrongly the user will suffer

It should be affordable to be used by all common people so, If the market rate is high it cannot reach more people.

Every individunt has their own style of hand-wilting There may be times when it can be inferred wrongly. This can ceal with that problem.

Helps to convert the handwritten notes, such as rumbers in banking documents to text document.

The product is only used to recognize digit that is 0 to 9, but it is not trained to recognize alphabets or other symbols and so on.

Differently eblec people can use this easily except the part of showing the image to the system