Ideation Phase
Empathize & Discover

Date	11 November 2022
Team ID	PNT2022TMID16365
Project Name	Project - A Novel Method For Handwritten Digit Recognition
Maximum Marks	4 Marks

EMPATHY MAP:

A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION

WHO are we empathizing with?
what really counts major preoccupations worries and aspirations

What do they need to DO?
what really counts?
enable to save cost and time

Result with accuracy

This task is difficult for machine

Recognize the human handwritten digits

What do they HEAR?
what friends say

what boss say

what influencers say

GOAL

What do they THINK and FEEL?

PAINS
fears
frustrations

GAINS
needs, hopes, and dreams?

Make banking operations easier and error free

poor images of text

an be easier form of writing

It helps traffic cameras to see the number plates exactly

Is Handwritten Recognition accurate?

Not accurate always

Electronic data storage

What do they SEE?
environment
Friends
what the market offers

Can you Identify The pictures?

Spacing of letters or words and digits

Easier data retrieval

What do they SAY?
attitude in public

why is Handwritten Recognition is hard?

identification

Reduce the complexity of algorithm

Accuray of recognition

Reduce the calculation time

What do they DO?
Attitude in public appearance behaviour towards others

It enables to save time and cost

Handwritten digits into machine readable formats

Reduce the complexity of the algorithm