

A Novel Method for Handwritten Digit Recognition System

Date	10 September 2022
Team ID	PNT2022TMID20676
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	2 Marks

Problem Statement:

John is an employee at the postal office who's job is to segregate mail with different handwritten pin code or postal address quickly and efficiently so that every mail is sent to their correct address. So, a novel method for Handwritten Digit Recognition System needs to be developed.

Who does the Problem affect?	Small e-commerce business company have to send packages to their customers, people who send mail to their friends and families
What are the boundaries of the Problem?	Postal department, courier services, and banking department
What is the issue in Postal Department?	Some people have different handwriting and sometimes it is confusing to identify the numbers the postal code or zip code written in the mail address. By designing a handwritten digit recognition system, we can send their mail to the correct address accurately.
When does the issue occur?	The zip code or postal code is not recognized properly by a human due to different handwritings and postal codes written in a hurry

Where is the issue occurring?	These types of issues occur in banking sector where we need to recognize the account number, postal department where we need to recognize the zip code or postal code and the door number.
Why is it important to solve the problem	By recognizing the hand written digits automatically, we will be able to send the mail to their correct address efficiently

