A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM

METHODOLOGY: Artificial Intelligence

PROBLEM STATEMENT: The handwriting recognition system is the most basic and important step toward this huge and interesting area of Computer Vision. The agenda of a hand-written digit recognition system is to identify the digit. The ability of a machine to receive and interpret handwritten input from multiple reports like paper documents, photographs, touch screen devices, etc. By the use of AI, it can effectively recognize a particular character of type format.

PROBLEMS	NEEDS	ISSUES RAISED	SOLUTIONS
Education	Students, Teachers, and other sorts of people who wants to access the source may find it difficult.	Cannot recognize the digits properly.	To build an application that recognizes the digits properly.
Healthcare	Various patients might face problems in buying the tablets from prescription	Cannot recognize the medicine name, insurance details, etc.	To build an application that recognizes the digits, names, other details properly.
Stock Markets	Difficulty in using the interface of application to start the trading.	Cannot recognize the amount of shares.	To build an application that recognizes shares properly.
Other users	The ones who want to access the group of sources	Cannot recognize few digits.	To build an application that recognizes the digits properly.