

## Proposed Solution:

S.NO	Parameter	Description
1.	Problem Statement (Problem to be solved)	<b>Statement:</b> The handwritten digit recognition is the capability of computer applications to recognize the human handwritten digits. <b>Description:</b> It is a hard task for the machine because handwritten digits are not perfect and can be made with many different shapes and sizes
2.	Idea / Solution description	<ol style="list-style-type: none"><li>1. It is the capability of a computer to fetch the mortal handwritten integers from different sources like images, papers, and touch defenses.</li><li>2. It allows user to translate all those signature and notes into electronic words in a text document format and this data only requires far less physical copies.</li></ol>
3.	Novelty / Uniqueness	Accurately recognize the digits rather than recognizing all the characters like OCR.
4.	Social Impact / Customer Satisfaction	<ol style="list-style-type: none"><li>1. Artificial Intelligence developed the app called handwritten digit Recognizer.</li><li>2. It converts the written word into digital approximations and utilizes complex algorithms to identify characters before churning out a digital approximation</li></ol>
5.	Business Model (Revenue Model)	<ol style="list-style-type: none"><li>1. This system can be integrated with traffic surveillance cameras to recognize the vehicle's number plates for effective traffic management.</li></ol>

		<ol style="list-style-type: none"> <li>2. Can be integrated with Postal system to identify and recognize the pin-code details easily.</li> </ol>
6.	Scalability of the Solution	<ol style="list-style-type: none"> <li>1. Ability to recognize digits in more noisy environments.</li> <li>2. There is no limit in the number of digits it can be recognized.</li> </ol>