

Project Title: A Novel Method for Handwritten Digit Recognition System

Project Design Phase-I - Solution Fit

Team ID: PNT2022TMID14907

Define CS, fit into	<div>1. CUSTOMER SEGMENT(S) Here customers are the one who is defined to work with reading handwritten digits. They are present in places like bank, school,</div> <div>CS</div>	<div>6. CUSTOMER CONSTRAINTS They believe such alternatives might result in mistakes and flaws and might not be practical.</div> <div>CC</div>	<div>5. AVAILABLE SOLUTIONS Currently there are no popular programs and software to detect the handwritten digits.</div> <div>SA</div>	Explore AS, differ
	<div>2. JOBS-TO-BE-DONE / PROBLEMS There is a wide range of handwriting around the world. It is not possible to understand every handwriting precisely. It may lead to errors while dealing with rugged handwritings</div> <div></div>	<div>9. PROBLEM ROOT CAUSE Because handwritten number recognition is not an optical character recognition, there are numerous difficulties due to the wide variety of writing styles used by different people. Customers find it difficult to read the handwritten digits as different people use different writing styles and different languages. This investigation offers a thorough comparison of various deep literacy and machine literacy algorithms for handwritten number recognition</div> <div>RC</div>	<div>7. BEHAVIOUR Designing the best software that more quickly and accurately identifies the handwritten digits</div> <div>BE</div>	

<div>3. TRIGGERS To quickly and precisely obtain the digits</div> <div>TR</div>	<div>10. YOUR SOLUTION . novel method for handwritten digit recognition system helps in recognizing the handwritten digits that uses MNIST dataset for training the model. The model gets the image of the handwritten digit and recognizes the handwritten digit. Convolution neural networks algorithm is used over the</div> <div>SL</div>	<div>8. CHANNELS of BEHAVIOUR Utilizing software that is offered in the online market. Enlisting the assistance of nearby people in order to identify the numbers that their clients have scribbled</div> <div>CH</div>
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