

Define CS, fit into CC	<div>1.CUSTOMER SEGMENT(S)<div>CS</div><div><div>➤ Customer under banking sector.</div><div>➤ Customer in post offices for arranging letters.</div></div></div>	<div>6. CUSTOMER CONSTRAINTS<div>CC</div><div><div>➤ Customers are not aware about this application.</div><div>➤ Network connectivity issues may occur.</div><div>➤ Procedure for detecting the image may take some time.</div></div></div>	<div>5. AVAILABLE SOLUTIONS<div>AS</div><div><div>➤ By Installing Digit Recognizer app that is available on play store.</div><div>➤ By using snapLogic website we can recognize the handwritten digits.</div></div></div>	Explore AS, differentiate CS
Focus on J&P, tap into BE, understand RC	<div>2. JOBS-TO-BE-DONE /PROBLEMS<div>JOBS-TO-BE-DONE</div><div><div>➤ Postal Mail sorting ,bank check processing ,Form Data Entry.</div></div><div>PROBLEMS</div><div><div>➤ Process getting slow to recognize the digits.</div><div>➤ Time taken to scan and upload images is slower process.</div></div></div>	<div>9. PROBLEM ROOT CAUSE<div>RC</div><div><div>➤ Customers are not aware about this application.</div><div>➤ Network connectivity issues may occur.</div><div>➤ Procedure for detecting the image may take some time.</div></div></div>	<div>7.BEHAVIOUR<div>BE</div><div><div>i.e. directly related: find the right solar panel installer, calculate</div><div>• neural networks and conventional neural network currently provide the best solutions to many problems in handwritten digit recognition</div></div></div>	Focus on J&P, tap into BE, understand RC

<div>3. TRIGGERS<div>TR</div><div><div>➤ It gives more efficient accuracy for finding the digits that are uploaded as an image.</div><div>➤ Not able to guess the digits sometimes.</div></div></div>	<div>10. YOUR SOLUTION<div>SL</div><div><div>➤ Handwritten digits recognition has become a vital scope and is appealing to many researchers because of its use in a variety of machine learning and</div></div></div>	<div>8.CHANNELS of BEHAVIOUR<div>CH</div><div>ONLINE</div><div><div>➤ To provide efficient and reliable techniques for recognition of handwritten numerals by comparing various existing classification models.</div></div></div>
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<p>4. EMOTIONS: BEFORE / AFTER EM</p> <p>BEFORE:</p> <ul style="list-style-type: none"> ➤ To detect any handwritten digits from various sources is quite difficult. ➤ Photographs, papers and touch displays and classifying them into ten specified categories 0-9 is difficult. <p>AFTER</p> <ul style="list-style-type: none"> ➤ The use of in-depth learning methods, human efforts can be reduced. ➤ Low confidence on guessing the digits. 	<p>computer vision applications.</p> <ul style="list-style-type: none"> ➤ In recent years, neural networks and conventional neural networks currently provide the best solutions to many problems in handwritten digit recognition. A novel hybrid CNN SVM model for handwritten digit recognition. This hybrid model automatically extracts features from the raw images and generates the predictions. ➤ Nowadays the whole world is a shift in the digital world. They want everything in digital form, they are not ready for manual work or any manual handwritten transaction. So they use this application. 	<ul style="list-style-type: none"> ➤ Online digital recognition on PC tablets, posting zip codes, processing bank check rates, handwriting numerical categories (for example- tax forms) and more. <p>OFFLINE</p> <ul style="list-style-type: none"> ➤ A complete offline application built using python libraries that uses a neural network in order to predict the digit drawn over screen. Modules Tensorflow for neural
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