

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS <ul style="list-style-type: none"> Customer under banking sector. Customer in post offices for arranging letters. 	6. CUSTOMER CONSTRAINTS CC <ul style="list-style-type: none"> Customers are not aware about this application. Network connectivity issues may occur. Procedure for detecting the image may take some time. 	5. AVAILABLE SOLUTIONS AS <ul style="list-style-type: none"> By Installing Digit Recognizer app that is available on play store. By using snapLogic website we can recognize the handwritten digits. 	Explore AS, differentiate
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS J&P JOBS-TO-BE-DONE <ul style="list-style-type: none"> Postal Mail sorting ,bank check processing ,Form Data Entry. PROBLEMS <ul style="list-style-type: none"> Process getting slow to recognize the digits. Time taken to scan and upload images is slower. process. 	9. PROBLEM ROOT CAUSE RC <ul style="list-style-type: none"> Customers are not aware about this application. Network connectivity issues may occur. Procedure for detecting the image may take some time. 	7. BEHAVIOUR BE <ul style="list-style-type: none"> neural networks and conventional neural network currently provide the best solutions to many problems in handwritten digit recognition 	Focus on J&P, tap into BE, understand RC
	3. TRIGGERS TR <ul style="list-style-type: none"> It gives more efficient accuracy for finding the digits that are uploaded as an image. Not able to guess the digits sometimes. 	10. YOUR SOLUTION SL <ul style="list-style-type: none"> Handwritten digits recognition has become a vital scope and is appealing to many researchers because of its use in a variety of machine learning 	8. CHANNELS of BEHAVIOR ONLINE CH <ul style="list-style-type: none"> To provide efficient and reliable techniques for recognition of handwritten numerals by comparing various existing classification models. 	

<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>and 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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