

Define CS, fit into CC	<div>1. CUSTOMER SEGMENT(S)<div>CS</div><div>A bank cashier would require it to read numbers on cheque. Any sector would need to digitize their data from written to text format.(eg: schools and colleges) Elderly people could easily recognize text (digitized) numbers.</div></div>	<div>6. CUSTOMER<div>CC</div><div>Inaccessibility of gadgets like cameras. Whether digits are recognized accurately. Every individual/customer has unique writing style of numbers. Lack of proper internet connection. Unavailability of proper cameras to scan.</div></div>	<div>5. AVAILABLE SOLUTIONS<div>AS</div><div>The current solutions are not precise and accurate. There needs to be a double check by another person. Present available datasets aren't enough as each person has unique writing style. System fails to recognize the digit if not uploaded with good quality images.</div></div>	Explore AS, differentiate
	<div>2. JOBS-TO-BE-DONE / PROBLEMS<div>J&P</div><div>To recognize the handwritten digits. Difficult to interpret the digits which are not uploaded with proper quality. Improper input. Might lead to errors having very different style or writing.</div></div>	<div>9. PROBLEM ROOT CAUSE<div>RC</div><div>Device to capture better quality images are expensive. Converting larger data is tedious. Increased time to train the machine. Handwritten digits are difficult to get interpreted since the style, size, font vary from person to person.</div></div>	<div>7. BEHAVIOUR<div>BE</div><div>Establish proper internet connectivity. To have in hand the suitable to gadget/device to capture the images with proper resolution. Find a proper product (software, device) that accurately recognizes the digits.</div></div>	Focus on J&P, tap into BE, understand RC
Focus on TR & EM	<div>3. TRIGGERS<div>TR</div><div>To get the desired result (i.e., getting the number predicted accurately).</div></div>	<div>10. YOUR SOLUTION<div>SL</div><div>The solution aims to accurately recognize the digit using CNN algorithm. To reduce the time in prediction, accurate recognition compared to already existing method which improves productivity and saves time.</div></div>	<div>8. CHANNELS of BEHAVIOUR<div>CH</div><div>8.1 ONLINE Proper and stable internet connection is required to upload the images correctly.</div><div>8.2 OFFLINE By either installing device to upload and recognize the digits or by seeking help from nearby people to recognize the digits.</div></div>	Extract online & offline CH of BE
	<div>4. EMOTIONS: BEFORE / AFTER<div>EM</div><div>Before: Frustrated, time consuming, pressure After : time saving, feel relaxed and happy.</div></div>			