

PROBLEM SOLUTION FIT

PROJECT TITLE : A NOVEL METHOD FOR HANDWRITTEN PROJECT DESIGN PHASE – SOLUTION FIT TEMPLATE TEAM ID : PNT2022TMID39460

DIGIT RECOGNITION SYSTEM

Define CS fit into CC	1.CUSTOMER SEGMENT(S) <div>CC</div> <p>One who wants to extract digits from handwritten text images</p>	6. CUSTOMER CONSTRAINTS <div>CS</div> <p>Unclear image will not give accurate results.</p>	5. AVAILABLE SOLUTIONS <p>Traditional systems of handwriting recognition have relied on handcrafted feature and a large amount of prior knowledge.</p>	Explore A5, differentiate
Focus on J&P, tap into BE, understand	2. JOBS-TO-BE-DONE PROBLEMS <div>J&P</div> <p>People can struggle to read others handwriting The handwritten digits are Not always OF The Same size Width orientation as They differ from Writing Of person to person, so The general problem would Be while classifying the digits</p>	9. PROBLEM ROOT CAUSE <div>RC</div> <p>The issue is that there's a wide range of handwriting – good and bad. This makes it tricky for programmers to provide enough examples of how every character might look.</p>	7. BEHAVIOUR <div>BE</div> <p><i>Customers must try with clear image and neat handwriting to get accuracy in digits</i></p>	FOCUS ON J&P, TAP INTO J&P, BE, UNDERSTAND RC
IDENTITY STRONG TR & EM	3.TRIGGERS <div>TR</div> <p>When there is need for Recognition of handwritten Digits</p>	10. YOUR SOLUTION <p>It uses Artificial Neural Network to recognize them. Neural Network is used to train and identify written digits. After training and testing, the accuracy rate reached 99%. This accuracy rate is very high.</p>	8. CHANNELS OF BEHAVIOUR <div>CH</div> <p>8.1 ONLINE Extract online channels from behaviour block</p>	Extract online & offline CH of BE
	4. EMOTIONS: BEFORE/AFTER <div>EM</div> <p>Frustration, exhausted Curious, satisfied</p>		<p>8.2 OFFLINE Extract offline channels from different Handwriting styles</p>	