

# Problem-Solution Fit canvas

Purpose / Vision

Version:

Define CS, fit into CL	<b>1. CUSTOMER SEGMENT(S)</b> <span>CS</span> <p>It is important to be able to segment and identify. such and written so we can Interpret, locate, retrieve.</p>	<b>6. CUSTOMER LIMITATIONS</b> <span>CL</span> <small>EG. BUDGET, DEVICES</small> <p>Spending data for online mode. Requires much more computation cannot determine symbols, age, personality.</p>	<b>5. AVAILABLE SOLUTIONS</b> <span>AS</span> <small>PLUSES &amp; MINUSES</small> <p>The methods of combined feature extraction for recognition . Separate digit give good accuracy has holistic method estimate complicate segmentation and quickly perform the task using dataset</p>	Explore AS, differentiate
	<b>2. PROBLEMS / PAINS + ITS FREQUENCY</b> <span>PR</span> <p>Problems with letter shapes. Problems with spacing. Problems with grip and posture. Many algorithms have been developed to recognize handwritten digits. Due to infinity variety of writing styles, they are still inadequate.</p>	<b>9. PROBLEM ROOT / CAUSE</b> <span>RC</span> <p>Some confusion between similarly shaped letters, such as lowercase a, e and o. In terms of producing text that follows along a straight line, this ability is somewhat contingent upon being able to write letters that are relatively the same size. There's also figuring out the placement of the arm and elbow and learning how to apply the right amount of pressure so text is not too faint to read</p>	<b>7. BEHAVIOR + ITS INTENSITY</b> <span>BE</span> <p>The system is not only produces a classification of the digit but also a description of the instantiation parameter which can yield information such as the writing style. The generative models can perform recognition driven segmentation.</p>	
Identify strong TR & EM	<b>3. TRIGGERS TO ACT</b> <span>TR</span> <p>In-built dataset of digits . Cheap and easy accessibility of resources</p>	<b>10. YOUR SOLUTION</b> <span>SL</span> <p>The main objective of this work is to ensure effective and reliable approaches for recognition of handwritten digits and make operations like vehicle number plate detection, postal locations, data entry easier and error-free. This method is for increasing efficiency of the learning algorithm by pre-processing the images and increasing the performance for real time application. with the usage of NIST technology database accuracy is obtained.</p>	<b>8. CHANNELS of BEHAVIOR</b> <span>CH</span> <p><b>ONLINE</b> It is the system in which recognition is performed when digits are under creation .</p> <p><b>OFFLINE</b> It is the System in which first document are generated , scanned, stored in computer and they are recognized.</p>	Extract online & offline CH of BE
	<b>4. EMOTIONS</b> <span>EM</span> <small>BEFORE / AFTER</small> <p>Before Depression ,anxiety, stress After Feeling smart, active and better approach</p>			



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