




# Project Title: A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYTEM

## Project Design Phase-I - Solution Fit Template

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Define CS, fit into CC	<div>1. CUSTOMER SEGMENT(S)<div>CS</div></div> <div><ul style="list-style-type: none"><li>Person who are at industry side for recognizing various handwriting digits.</li><li>People working in bank, post offices and paper correction centre</li></ul></div>	<div>6. CUSTOMER CONSTRAINTS<div>CC</div></div> <div><ul style="list-style-type: none"><li>Time</li><li>Accuracy</li><li>Ease to access</li><li>Imperfect findings</li></ul></div>	<div>5. AVAILABLE SOLUTIONS<div>AS</div></div> <div><ul style="list-style-type: none"><li>In past they get trouble in finding handwritten digits</li><li>Accurate prediction</li><li>Knowledge about the system is required</li></ul></div>	Explore AS, differentiate
	<div>2. JOBS-TO-BE-DONE / PROBLEMS<div>JP</div></div> <div><ul style="list-style-type: none"><li>There are different types of handwriting are in world.</li><li>Each and every handwriting has its own characteristics and uniqueness.</li><li>Its difficult to understand the different people's handwriting digit</li></ul></div>	<div>9. PROBLEM ROOT CAUSE<div>RC</div></div> <div><ul style="list-style-type: none"><li>People have different handwriting which makes it difficult for user to recognize the digits written</li><li>Vehicles moves really fast which makes it difficult to quickly recognize vehicle plate number.</li></ul></div>	<div>7. BEHAVIOUR<div>BE</div></div> <div><ul style="list-style-type: none"><li>User manually try to find he written digits which may lead to incorrect the postal address</li><li>User ignore the vehicle plate number that couldn't be recognized easily</li></ul></div>	
Focus on J&P, tap into BE, understand				Focus on J&P, tap into BE, understand

<b>3. TRIGGERS</b>  <ul style="list-style-type: none"><li>By word of mouth</li><li>Good user experience</li></ul>	<b>10. YOUR SOLUTION</b>  <ul style="list-style-type: none"><li>Build an easy-to-use application to recognize digits</li><li>The application must run on all platforms</li><li>The application must recognize digits from all sorts of images.</li></ul>	<b>8. CHANNELS of BEHAVIOUR</b>  <ul style="list-style-type: none"><li><b>8.1 ONLINE</b> User don't take any online actions since they still follow traditional methods</li><li><b>8.2 OFFLINE</b> User recognize digits manually based on what they see</li></ul>
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