

Project Design Phase - I - Solution Fit

Project Title: REAL TIME COMMUNICATION

Team ID: PNT2022TMID39415

SYSTEM POWERED BY AI FOR SPECIALY ABLED

Define CS, fit into CC	<b>1. CUSTOMER SEGMENT(S)</b> My customer is normal person who tries to understand sign language. <b>CS</b>	<b>6. CUSTOMER</b> The customer recognizes the sign language which cannot be done in suddenly. <b>CS</b>	<b>5. AVAILABLE SOLUTIONS</b> The normal person can predict the sign language with some practices. <b>CS</b>	Explore AS, differen
	<b>2. JOBS-TO-BE-DONE / PROBLEMS</b> The expression of abled person is not understandable for normal persons. <b>CS</b>	<b>9. PROBLEM ROOT CAUSE</b> Problem causes is when abled person starts conversation to normal person which cannot be understood by them because of unpracticed nature. <b>RC</b>	<b>7. BEHAVIOUR</b> When customer says some things the abled person can't get that thing properly. <b>BE</b>	

	<b>3. TRIGGERS</b> Problem is customer cannot understand the sign language. <b>TR</b>	<b>10. YOUR SOLUTION</b> Use the MINIST Dataset to recognize handwritten digits convolutional neural network model created using pytorch, opencv library to solve the problem. <b>SL</b>	<b>8. CHANNELS of BEHAVIOUR</b> 8.1 ONLINE While using this platform the customer feels little bit difficult to understand the sign language. 8.2 OFFLINE While in this mode the customer feels somewhat easier than the online mode. <b>CH</b>	
	<b>4. EMOTIONS: BEFORE / AFTER</b> Normal person cannot understand sign language. <b>EM</b>			

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