

PROJECT DESIGN PHASE-I

PROBLEM SOLUTION FIT

TEAM ID : PNT2022TMID34274

1.CUSTOMER SEGMENTS(CS)	6.CUSTOMER CONSTRAINTS (CC)	5.AVAILABLE SOLUTIONS(AS)
<p>There were two customers: <input type="checkbox"/> Deaf and Dumb People who can't convey the message properly.</p> <p><input type="checkbox"/> The normal People who are trying to communicate them were customers.</p>	<ul style="list-style-type: none"> • Specially Abled Person use their hand signals to get communicate with other. • Normal people will face difficulty in understanding the sign language. 	<p><input type="checkbox"/> CNN to identify the hand gestures. <input type="checkbox"/> AI to communicate with gesture and voice <input type="checkbox"/> Flask to develop application.</p>
2. JOBS TO BE DONE	9. PROBLEM ROOT CAUSE(RC)	7. BEHAVIOUR(BE)
<ul style="list-style-type: none"> • Create an efficient app to convert hand gestures to voice and text. • Develop cnn model to recognize the voice and text. • Developing and Training the Dataset is major task 	<ul style="list-style-type: none"> • The Communication barrier is root cause. • Problem of conveying message properly to the normal people. • The proper expression of the feel was not expressed 	<p><input type="checkbox"/> Searching the medium to express the feelings.</p> <p><input type="checkbox"/> Searching a device to get translate.</p>
3. TRIGGERS(TM)	4. YOUR SOLUTION(SL)	8.CHANNELS OF BEHAVIOUR (CH)
<p><input type="checkbox"/> The ability of the customers to communicate efficiently at serious and necessary situations.</p>	<p><input type="checkbox"/> This application help in communication between the normal people and dumb and deaf people</p>	<p>The Application developed by us is the main channel of the behavior.</p> <p>Online translation is also and Channel of Behaviour.</p>