

PROBLEM SOLUTION FIT TEAM ID : PNT2022TMID34277

| 1.CUSTOMER SEGMENTS(CS) | 6.CUSTOMER CONSTRAINTS (CC) | 5.AVAILABLE SOLUTIONS(AS) |
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| There were two customers: <input type="checkbox"/> Deaf and Dumb People who can't convey the message properly. <input type="checkbox"/> The normal People who are trying to communicate them were customers. | <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. | <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. |
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| 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 | <input type="checkbox"/> Searching the medium to express the feelings. <input type="checkbox"/> Searching a device to get translate. |
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| 3. TRIGGERS(TM) | 4. YOUR SOLUTION(SL) | 8.CHANNELS OF BEHAVIOUR (CH) |
| <input type="checkbox"/> The ability of the customers to communicate efficiently at serious and necessary situations. | <input type="checkbox"/> This application help in communication between the normal people and dumb and deaf people | The Application developed by us is the main channel of the behavior. Online translation is also and Channel of Behaviour. |