

# ProjectDesignPhase-I-SolutionFit

**Project Title: Real-Time Communication Powered by AI for specially Abled**

**Team ID: PNT2022TMID41036**

DefineCS,fitintoCC

## 1. CUSTOMER SEGMENT(S)

CS

- Effective communication by illiterate disabled people and children
- In schools and educational institutions where the existing blindfolding methods are hardest
- During transportation
- Normal routines where communication needs to be done with external and strangers

## 2. CUSTOMER CONSTRAINTS

CC

- Speak clear and normally.
- Communication (hearing and speech) and loco motors.
- A physical environment that is not accessible.

## 3. AVAILABLE SOLUTIONS

AS

- More natural synthesized speech may be possible.
- Improved devices for people with hearing loss.

ExploreAS,differentiate

## 4.JOBS-TO-BE-DONE/PROBLEMS

J&P

- Better speech synthesizer that accurately responds to sign and environment.
- Read the environment in better way
- Legal assistance
- Customize to cater needs of individuals

## 5.PROBLEM ROOT CAUSE

RC

- Juvenile disabilities or Accidental causes
- Anger, anxiety & stress affects the consistency and focus
- Lack of interest

## 6. BEHAVIOUR

BE

- Acknowledge their differences as you would acknowledge anyone else's uniqueness and treat them as normal.
- Speak clearly and listen.
- Make them feel confident.
- Respect personal space.

Focus's&P,tapintoBE,understandRC

Focus's&P,tapintoBE,understandRC

Entitled/strong TR&EM	<b>7. TRIGGERS</b> <b>TR</b> <ul style="list-style-type: none"> <li>Triggers can be visual or audio. Enables vice-versa transcription</li> <li>Trigger shall be moved out of the queue once serviced.</li> </ul>	<b>9. YOUR SOLUTION</b> <b>SOLN</b> <ul style="list-style-type: none"> <li>Easy way to communicate</li> <li>Inclusive education and training</li> <li>Equal opportunities for employment.</li> </ul>	<b>10. CHANNELS of BEHAVIOUR</b> <b>CB</b> <ol style="list-style-type: none"> <li><b>ONLINE</b> <ul style="list-style-type: none"> <li>Increasing the size of their support team.</li> <li>Creating a number of self-help resources and making them freely accessible.</li> </ul> </li> <li><b>OFFLINE</b> <ul style="list-style-type: none"> <li>Immediate response, as there is a direct interaction.</li> <li>Sales personnel are present and able to cater to the customer's needs.</li> </ul> </li> </ol>	ExtractOnlineandOfflineChof BE
	<b>8. EMOTIONS: BEFORE/AFTER</b> <b>EM</b> <ul style="list-style-type: none"> <li>Before: Restlessness, depressed out of dependency on routines, lack of consistency and commitment in workplace.</li> <li>After: Reliable people with disabilities generally take fewer day off, take less sick leave, are more loyal and stay in job longer than other workers.</li> </ul>			