

ProjectDesignPhase-I-SolutionFit

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

Team ID: PNT2022TMID13751

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

Focus's&P,tapintoBE,understandRC

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.

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Entitled/strong TR & EM	7. TRIGGERS TR <ul style="list-style-type: none"> Triggers can be visual or audio. Enables vice-versa transcription Trigger shall be moved out of the queue once serviced. 	9. YOUR SOLUTION SOLN <ul style="list-style-type: none"> Easy way to communicate Inclusive education and training Equal opportunities for employment. 	10. CHANNELS of BEHAVIOUR CB <ol style="list-style-type: none"> ONLINE <ul style="list-style-type: none"> Increasing the size of their support team. Creating a number of self-help resources and making them freely accessible. OFFLINE <ul style="list-style-type: none"> Immediate response, as there is a direct interaction. Sales personnel are present and able to cater to the customer's needs. 	Extract Online and Offline CH of BE
	8. EMOTIONS: BEFORE/AFTER EM <ul style="list-style-type: none"> Before: Restlessness, depressed out of dependency on routines, lack of consistency and commitment in workplace. 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. 			