**Project Title: Real Time Communication System Powered By AI for Specially Abled**
**Project Design Phase-I - Solution Fit Template**
**Team ID: PNT2022TMID10925**

| Define CS, fit into CC | | | Explore AS, differentiate |
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| **1. CUSTOMER SEGMENT(S)** `CS`<br><br>Specially abled persons | **6. CUSTOMER CONSTRAINTS** `CC`<br><br>A cochlear implant is an implanted electronic medical device that can produce useful hearing sensation by electrically stimulating nerves inside the inner ear. | **5. AVAILABLE SOLUTIONS** `AS`<br><br>AI-voice-assisted technologies, like Echo, Google Home, Alexa, have created new means of accessibility for disabled people. As Artificial Intelligence takes an important role in communication and interaction, the use of this technology enables individuals with disabilities to access information much easier, all just by speaking to their devices. | |

| Focus on J&P, tap into BE, understand RC | | | Focus on J&P, tap into BE, understand RC |
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| **2. JOBS-TO-BE-DONE / PROBLEMS** `J&P`<br><br>Any denial of opportunity is not simply a result of bodily limitations. It is also down to the attitudinal, social, and environmental barriers facing disabled people. | **9. PROBLEM ROOT CAUSE** `RC`<br><br>Disabilities affect the entire family. Meeting the complex needs of a person with a disability can put families under a great deal of stress — emotional, financial, and sometimes even physical. However, finding resources, knowing what to expect, and planning for the future can greatly improve overall quality of life. | **7. BEHAVIOUR** `BE`<br><br>Directly related : D-Talk, sign language, message convertion, hand gesture, mental damage, difficulty to communicate.<br>Indirectly associated : Empowered technology, completely paralyzed, noble cause, using sensors in day to day life, environmental threats affect their life difficulty in society | |

| **3. TRIGGERS** `TR`<br><br>Persons using sensors, vibrators, neural networks are the things used for developing their communication, for the accessible language and to avoid long words that might be hard to understand. | **10. YOUR SOLUTION** `SL`<br><br>AI powered solution stand to make a real difference for people with disabilities, supporting them in activities of daily living and enabling them to gain new skills. AI technology helping disabled people opens up new opportunities for accessibility, inclusion in society, and independent living that would otherwise be difficult or impossible to achieve. | **8.CHANNELS of BEHAVIOUR** `CH`<br>8.1 ONLINE Providing special Equipment to augment Educational services for them to improve their mind and mental health. They affected by social medias by using their part of things mostly.<br><br>8.2 OFFLINE They mostly affected by going into our direct society i.e schools, colleges and workplace such things affect their life |
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| **4. EMOTIONS: BEFORE / AFTER** EM | | directly |
| They loss their confidence and they feel unlike whose have the inferiority complex to own. | | |