**Project Title: Real-Time Communication System Powered by AI for Specially Abled Project Design Phase-I** - **Solution Fit Team ID:** PNT2022TMID20864

**Focus on J&P, tap into BE, understand RC**

**Explore AS, differentiate**

**Deﬁne CS, ﬁt into CC**

**AS**

**5.AVAILABLE SOLUTIONS**

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.

The user is able to grasp sign language, which takes time to achieve.

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

**1. CUSTOMER SEGMENT(S)**

Specially abled people are the customers who are not able to easily communicate with others

**Explore AS, differentiate**

**Define CS, fit into CC**

Finding the right signs and converting into correct communication between the people's

**BE**

**7. BEHAVIOUR**

**RC**

**9. PROBLEM ROOT CAUSE**

The difficulty comes when someone with special abilities initiates a discussion with a person who is not able to comprehend them because of their expertise.

**J&P**

**2. JOBS-TO-BE-DONE / PROBLEMS**

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.

**Focus on J&P, tap into BE, understand RC**

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**Identify strong TR & EM**

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| **Identify strong TR & EM** | **3. TRIGGERS TR**  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**  If you're working for an established company, sketch out your present solution first, then fill in the blanks and see how well it corresponds to reality. If you are developing a new business proposal, leave the canvas blank until you have filled it in and developed a solution that satisfies the needs of the target market, addresses a problem, and is consistent with target market | 1. **CHANNELS of BEHAVIOUR CH**   8.1ONLINE We can update our application and use it in a very efficient way.  8.2 OFFLINE offline mode we use it but not so efficient we can use it with a recently updated application. |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  specially abled people hesitate to communicate with others but know using this system they can easily communicate with others. |