Problem-Solution fit canvas 2.0

Purpose / Vision

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Deaf-mute people who don't have proper communication channels

6. CUSTOMER CONSTRAINTS — CC

Improper funds and technology setup for enabling accessibility

5. AVAILABLE SOLUTIONS — AS

- Hiring a tutor/joining an institute for learning sign language.
- Hearing aid devices for partial deafness.

Explore AS, differentiate

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

2. PROBLEMS — J&P

- Communication between a deaf-mute person and a normal person.
- Learning abstract concepts which may involve auditory perception.

9. PROBLEM ROOT CAUSE — RC

- Noise pollution induces partial deafness by decreasing the ear sensitivity.
- Deaf by birth.
- Damaged larynx due to injuries.

7. BEHAVIOUR — BE

- Aggression due to incomprehension of the senses.
- Seclusion due to uncommon playing field.

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

Identify strong TR & EM

3. TRIGGERS — TR

Unable to communicate basic necessities to others

4. EMOTIONS: BEFORE / AFTER — EM

Before: Uncomfortable feeling on not being able to act on the trigger

After: Sense of satisfaction

10. YOUR SOLUTION — SL

To develop an app which converts sign language into voice and text to inform authorities as well as convert speech into sign language for the deaf and mute using Convolution neural network.

8.CHANNELS OF BEHAVIOUR — CH

1.ONLINE

Usage of vulgar language in public forums

8.2 OFFLINE

Throwing a tantrum

Extract online & offline CH of BE

AMALTAMA