There are all ages of the deaf.

2. JOBS-TO-BE-DONE / PROBLEMS

1. They are unable to

communicate publicly.

appraised incorrectly.

Which jobs-to-be-done (or problems) do you address for your

customers? There could be more than one; explore different

2. They could be devalued and

1. CUSTOMER SEGMENT(S)

Who is your customer?

# CS, fit into

3. TRIGGERS

What triggers customers to act?

It is their desire to enjoy society like would a normal person.

CS

What constraints prevent your customers from taking action or limit their choices of solutions?

- 1. Is the application going to be compensated?
- 2. Do you think that will be cost-

# 6. CUSTOMER CONSTRAINTS

RC

- effective and easy to handle?

9. PROBLEM ROOT CAUSE

Due to their lack of

familiarity average

individuals cannot

TR

What is the real reason that this problem exists?

What is the back story behind the need to do this

understand sign language.

# 5. AVAILABLE SOLUTIONS

Which solutions are available to the customers when they face

or need to get the job done? What have they tried in the past? What pros & cons do these solutions have?

Using ear pictures as abasis for a neural network for human recognition, applying what is learned to familiar

Speech recognition software is a tool that can be used to support the educational process.

Students with arm limitations can operate computer via voice commands.

# 7. BEHAVIOUR

What does your customer do to address the problem and get the

When compared to other forms of technology, sign language helps persons with disabilities communicate successfully.

 $\overline{\mathbf{SL}}$ 

BE

Explore

AS, differentiat

# 10. YOUR SOLUTION

If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.

If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour

As a result, we are utilizing a convolution neural network to create a model that is trained on various hand gesture. To make a feature, this model is employed.

# 8. CHANNELS of BEHAVIOUR

8.1 ONLINE

What kind of actions do customers take online? Extract online channels from #7

8.2 OFFLINE

What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

The means by which you convey information to another



