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Who is your customer? i.e. working parents of 0-5 y.o. kids

1. CUSTOMER SEGMENT(S)

people who with the characters of specially abled they are in the need of this app

According to professionals, people would like to know more about what benefits they have from this

6. CUSTOMER CONSTRAINTS

What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.

people who have the lack of network connections they face the problems of poor communication

cost is one of the main reason for the people who are in the below average stage

5. AVAILABLE SOLUTIONS

Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking

people also aware of the proper connection of the internet

It should easily match /fit

all the offeredable low cost

andriod phones

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2. JOBS-TO-BE-DONE / PROBLEMS

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

Big companies come

we should feed knowledge
about the gesture used by
specially abled people

communication problem

9. PROBLEM ROOT CAUSE

What is the real reason that this problem exists?
What is the back story behind the need to do this job?
i.e. customers have to do it because of the change in regulations.

many device may come to
fit the problem but all are in
the high budjet.so
communication goes poor
among them.so all the duff
and mute suffers to convey
their message.

All the deaf and mute
people severely affect
when they convey their
message to the people who
does'nt have any
knowledge about the hand
gestures

7. BEHAVIOUR

What does your customer do to address the problem and get the job done? i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)

people always aware of the full benefits of the app they have been used for they should know the proper usage of the app.

⊗ Image recognition for people
with a visual impairment,
⊗ Facial recognition for people
with a visual impairment,
⊗ Lip-reading recognition for
people with a hearing impairment,
⊗ Text summarization for people
with a mental impairment,

3. TRIGGERS

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

people who see their type of people easily communicate with other peoples by the app,that triggers the people to activate the app

4. EMOTIONS: BEFORE / AFTER

How do customers feel when they face a problem or a job and afterwards?
i.e. lost, insecure > confident, in control - use it in your communication strategy & design.

Before using of this app
people of deaf and dumb got
many suffers to
communicate with other
people.

After using of this app people
of deaf and dumb easily
communicate with other
people with their convinient
language.

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.

It is not a fastest
communication material
but it is an effective one
to communicate others
.It's very helpfull to the
people who need this
type of one
.so,practically it is
needed

Therefore, in this article,
we propose an real time
communication between specially
abled and normal people. We are
making use of a convolution neural
network to create a model that is
trained on different hand gestures.
An app is built which uses this model.
This app enables deaf and dumb
people to convey their information
using signs which get converted to
human-understandable language and
speech is given as output.

8. CHANNELS of BEHAVIOUR

8.1 ONLINE

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

Helps to notify the data preprocessing happen via information.

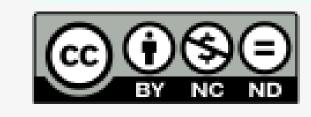
communication happen via online(internet)

8.2 OFFLINE

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

previously used
function are stored in
offline process

Fire extinguishers
and Drone water
sprayers



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