

Ideation Phase

Define the Problem

Statements

Date	29 September 2022
Team ID	PNT2022TMID33359
Project Name	Real-Time Communication System Powered by AI for Specially Abled.
Maximum Marks	2 Marks

Problem Statement:

The sixth sense is a multi-platform app for aiding the people in need that is people who are handicapped in the form of lack of speech (dumb), lack of hearing (deaf), lack of sight (blind), lack of judicial power to differentiate between objects (visual agnosia) and people suffering from autism (characterized by great difficulty in communicating and forming relationships with other people and in using language and abstract concepts). Our current implementation of the product is on two platforms, namely, mobile and a web app. The object recognition wouldn't fetch enough use out of a website. Hence, it has been implemented on the mobile app utilizing the Firebase ML toolkit and different pre-trained models, which are both available offline as well as online.

I am	Ms. Monisha, a disability in lack of speech, lack of hearing and lack of sight. A person with exceptional needs, Ms. Monisha.
I'm trying to	I can engage in an active lifestyle through related devices.
But,	Because carrying a device about was uncomfortable for me, I was unable to comfort.
Because	I don't feel confident bringing with a device every day to behave like normal people.
Which makes me feel	I am carrying a weighted device is an inconvenience when people around us.

I am	I'm Trying to	But	Because	Which Makes Me Feel
Disabled Person	To live an active and interesting lifestyle like a normal people.	Carrying a device about was uncomfortable	I don't feel confident bringing with a device every day to behave like normal people.	carrying a weighted device is an inconvenience when people around us

Problem Statement (PS)	I am	I'm trying to	But	Because	Which makes me feel
PS-1	Specially-abled Person	Active life style is needed to live.	Because carrying device about was uncomfortable for me	I don't feel confident	More Annoying, Irritating.
PS-2	Disabled Person	One must do all the activities without any barriers.	I was unable to use the device for my disability at a large crowd	Bringing with device every day to survive is most challenging to me.	To me and many around me, carrying a real device is an inconvenience