Real-Time Communication System Powered by Al for Specially Abled

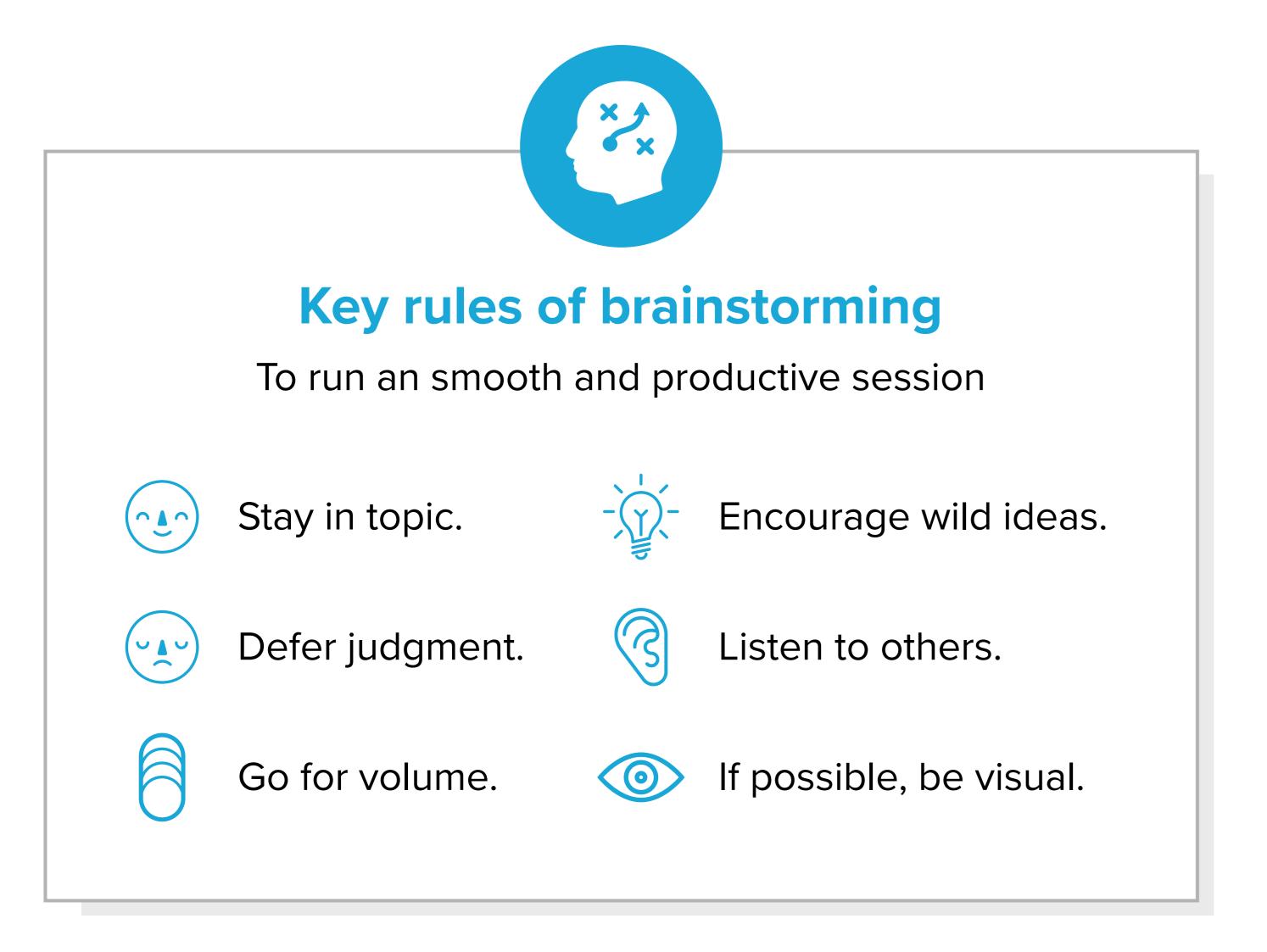


Problem Statement

The project aims to develop a system that converts the sign language into a human hearing voice in the desired language to convey a message to normal people, as well as convert speech into understandable sign language for the deaf and dumb. 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.

PROBLEM

How might we facilitate better communication for specially abled people?



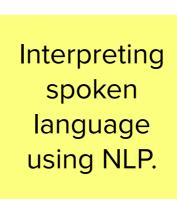


Brainstorm

The following are the ideas suggested by the team during the brainstorming phase.







Using cloud

services to

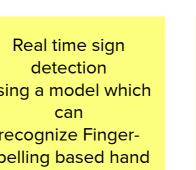
acilitate building

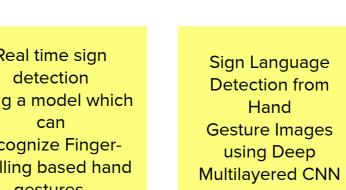
of the proposed



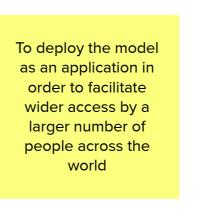


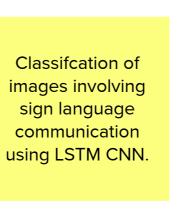
Akshaya





Andrea





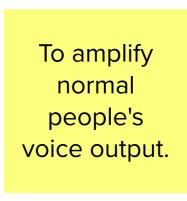
Making use of a

images under a

wide variety of sign



Celina





To develop a

system that

convert sign

language to

audible ones.

skeletal model

