PROJECT DESIGN PHASE -I

PERFORMANCE TESTING

DATE	01/10/2022
TEAM-ID	PNT2022TMID34283
PROJECT NAME	Real-Time Communication System Powered by AI for SpeciallyAbled
MARKS	2

PERFORMANCE TESTING

S.NO	PARAMETER	DESCRIPTION
1.	Problem Statement (Problem to be solved)	➢ Communication between deaf and dumb people to normal person is very challenging task. ➢ It is too hard for dumb person to convey their message to others.
2.	Idea/ Solution Description	❖ An application that converts sign language to the voice heared by normal person. ❖ And also the speech converted to sign language which understand by deaf and dumb people. ❖ Our app is made & trained using Convolution Neural Network(CNN).
3.	Novelty/ Uniqueness	✓ The speech is converted to sign language very accurate to provide greater and faster understanding to specially abled people. ✓ This was the feature which is not mostly available currently most of them concentrating on sign language to speech.

4.	Social Impact / Customer Satisfaction	• The user interface is convenient and simple for both the people. • It leads to improvement in technology in the society. • The discussion between both the people will be easy and boosted up.
5.	Business Model (Revenue Model)	▪ Our application will be advertised in social media so that the specially abled people who are in need of these kind of facility will buy. ▪ We can also offer coupon code to first few subscription so that more people can use our application. ▪ It will generate revenue & by giving prime subscription users can get additional facilities than normal users.
6.	Scalability of the Solution	○ It will be very user friendly. ○ The performance of application will be great if more people use it at a time. ○ It will handle the backend of application and database & servers perfectly. ○ So our solution is scalable in nature.