

Project Design Phase-I
Solution Architecture

Date	14-11- 2022
Team ID	PNT2022TMID52086
Project Name	Project Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	4 Marks

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to

- Communication between deaf-mute and normal person has always been a challenging task
- It is very difficult for mute people to convey their message to normal people
- 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
- We are making use of a convolution neural network to create a model that is trained on different hand gestures

Example - Solution Architecture Diagram:

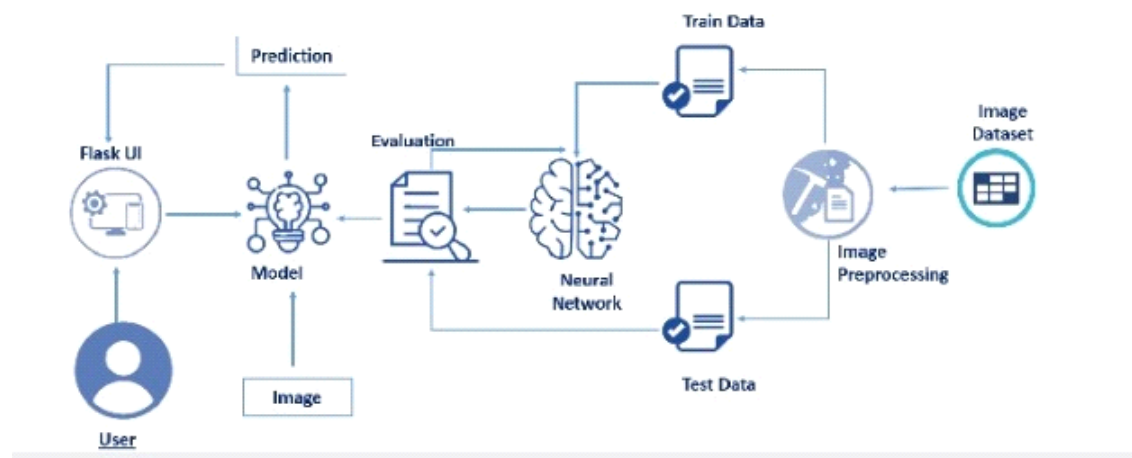


Figure 1: Architecture for Real-Time Communication System Powered by AI for Specially Abled