

Project Design Phase-I
Solution Architecture

Date	19 October 2022
Team ID	PNT2022TMID38587
Project Name	Real-Time Communication System 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:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed, and delivered

Example Scenario

- Here our project has the user as both the normal people and specially abled people.
- Both of them will give input to the model in order to get the expected output.
- Let us consider a Person A and Person B, Person A is a normal people were as the Person B is an specially abled one.
- Person A will give the input as voice/text to the specially abled people our model will convert it into the respective sign language as output in order to give it to Person B during communication.
- Were as in another side the Person B will give the input as the sign and model will convert it into the respected text / voice.
- This is how our model is going to work for the Person A and Person B to have a communication between them has how normal people's can communicate with each other.

