

**Project Design Phase-I**  
**Proposed Solution Template**

<b>Date</b>	24 /09/2022
<b>Team Member</b>	Karthikeyan.B
<b>Project Name</b>	Real-Time Communication System Powered by AI for Specially Abled
<b>Maximum Marks</b>	2 points

**Proposed solution:**

The Aim of our solution is to establish communication between the deaf-dumb and normal people to bring betterment for the society.

<b>S.No</b>	<b>Parameter</b>	<b>Description</b>
1	Problem statement (problem to be solved)	To address the challenges faced by deaf-mute persons in their daily life so they can interact with society and feel hopeful.
2	Idea / Solution description	Converting Sign language into human hearing speech, and vice versa using Convolution Neural Network in desired language(Two way Communication Method).
3	Novelty / Uniqueness	Deploying and improving our solution to provide Faster response in Desired language.
4	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>• The Application provides good Interfacing.</li><li>• Improves the Communication between Normal People and Deaf-Dumb.</li><li>• It leads to the development of technologically advanced society.</li><li>• It will shatter all the barriers and will help to enhance their skills in a positive manner.</li></ul>
5	Business Model (financial Benefit)	<ul style="list-style-type: none"><li>• We will provide campaign awareness about the need of our application.</li><li>• The application will be made available to more recipients, which will accelerate growth.</li></ul>
6	Scalability of Solution	<ul style="list-style-type: none"><li>• The user will find it very simple to use and update.</li><li>• Encoding the errors and decoding with better accuracy.</li></ul>