

## Problem-Solution Fit canvas

Purpose / Vision

Version:

Define CS, fit into CL	<b>1. CUSTOMER SEGMENT(S)</b> <span>CS</span> Who is Your Customer?  Specially abled persons who have difficulty in communicating with others.	<b>6. CUSTOMER LIMITATIONS</b> <span>CL</span> <small>EG. BUDGET, DEVICES</small> Specially abled persons are communicating with the people those who are known about the sign language.	<b>5. AVAILABLE SOLUTIONS</b> <span>AS</span> <small>PROS &amp; CONS</small> Several AI applications has been implemented like Hey Google , Alexa have created accessibility for disabled people.	Explore AS, differentiate
	Focus on PR, tap into BE, understand RC	<b>2. PROBLEMS / PAINS</b> <span>PR</span> <small>+ ITS FREQUENCY</small> Communication between deaf and dumb persons and normal persons is always a challenging task. They are unable to express their feelings and problems.	<b>9. PROBLEM ROOT / CAUSE</b> <span>RC</span> The root cause of the problem is Specially abled people uses sign language to express themselves which causes problem to normal people to understand and recognize. So this type of system is important which recognizes and understand different languages . So that it can understandable to normal people.	
Identify strong TR & EM		<b>3. TRIGGERS TO ACT</b> <span>TR</span> Lack of communication with normal people may effect their mental health and strength.	<b>10. YOUR SOLUTION</b> <span>SL</span> Created an application using AI, which will be converting sign language by image processing for the Specially abled persons. Our proposed system has various number of systems like voice to text, speech to text conversion.	<b>8. CHANNELS of BEHAVIOR</b> <span>CH</span> <b>ONLINE</b> Users can access the alerting system via online mode. We can update our application and access it in a very efficient way. <b>OFFLINE</b> They mostly affected by going directly to public places which will affect their life directly. Able to learn sign languages in offline mode.
	<b>4. EMOTIONS</b> <span>EM</span> <small>BEFORE / AFTER</small> Specially abled persons hesitated to communicate with others but now they can convey their information using signs which is converted to human understandable language.			