

Problem Statement



ONCE THE TEAM HAS DEFINED THE PROBLEM, TRANSFER THEIR OUTPUT IN THE TEXT BOXES BELOW. THEY SERVE AS THE SKELETON OF THE PROBLEM STATEMENT.

WHO?

Who does the problem affect?

This problem occurs for the **disabled persons** who find it difficult to communicate/ convey the necessary information.

WHAT?

What is the issue?

Though technology grow day by day, **no means of efficient communication by the disabled ones**. As a result they find very **difficult to convey the information**. It becomes a huge problem during the **emergency times**. Considering the above situation, if a system is designed to **capture the hand signs and convert it into relevant information**, then it would be easier. If the solution is not fixed, then the **issue rise to a peak level and results in the unexpected things**.

WHERE/ WHEN?

When does the issue occur?

Here Issues can be of two things, first is **when the System is not at all used by the disabled** to convey, and second is **when the camera or voice recorder to capture sign, record voice malfunction**. The issue need to be fixed, by **checking whether the camera, voice recorder functions properly or not before using the system**.

WHY?

Why Is It Important that we fix the problem?

Customer value/benefit

It is important that there is a possibility, **AI can misunderstand the shown sign**, and as a result **it may convey the inappropriate message**, so it is necessary to **fix all the issues related to the dataset** before it is used by the disabled ones.

Business value/benefit

Why is it Important that we fix the problem?

Considering the side of business, **the issues should always be fixed**, once the feedback gets received from the users, in order to **increase the usage of the system** by other individuals as well and also **provide service to the mankind**.

