

Ideation Phase

Empathize & Discover

Date	2nd November 2023
Team ID	Team - 591979
Project Name	ASL - Alphabet Image Recognition
Maximum Marks	4 Marks
Team members	Pujyam Sathvika, Rishika Krishna Ch

Empathy Map Canvas:

An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviors and attitudes. It is a useful tool to help us better understand our users. Creating an effective solution requires understanding the true problem and the person who is experiencing it.

The users of our project would be deaf individuals who use ASL(American Sign Language) to communicate with others. We tried to put ourselves into various situations the deaf might experience and have completed the following empathy canvas map.

ASL- Alphabet Image Recognition

ASL(American Sign Language) Alphabet Image Recognition, is an image classification task that aims to recognize the ASL alphabet from images of hand signs. This project involves training a machine learning model to classify images of hand signs corresponding to the 26 letters of the English alphabet, as well as three additional classes for the signs for "space", "delete", and "nothing".

TEAM MEMBERS

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