

Translating New Zealand Sign Language Utilising AI

To utilise technology and AI to interpret and translate New Zealand Sign Language (NZSL) in real-time through a smartphone/watch app.

NZSL is one of three New Zealand's official languages and is crucial to many people's ability to learn, communicate and participate in society. There are approximately 4,599 deaf people who use NZSL as a form of communication, and approximately 23,000 people in total use NZSL. This technology will help bridge the communication gap experienced by those who use NZSL due to impaired hearing or verbal ability and will help them connect with society.

Bridging the communication barrier allows the person who uses NZSL to feel like they aren't left out. Businesses can become more inclusive and provide a more comprehensive service to their customers.

Zali

- Work on the visual aspect of the website with updates to be posted on GitHub
- Research opportunities and risks sections of the topic
- Lead presentation
- Update website and teams with references

Logan

- Define the topic
- Project researcher
- Research choices for the chosen topic
- Post to canvas when needed
- Update website and teams with references

Link to your Team Repository:

<https://zalitua.github.io/>