**Introduction**

Did you know there are around 150,000 elderly parents waiting for permanent residency?

Every year, hundreds of thousands of immigrants come to Australia for better opportunity and better life.

However, the support for the elderly immigrants are lacking, and many, especially elderly immigrants are left socially isolated and unable to engage in community life.

We want to make a change.

**Pain point**  
One of the **BIGGEST** issues elderly immigrants experience is a **language barrier.** This issue persists in other younger immigrants too, but for elderly immigrants, this issue hits harder.

*However, if you need to communicate more complicated subjects, like the housing* arrangement, or if they need to communicate about the leaking problem in their water system, elderly immigrants who do not speak English fluently, often come as a trouble.

This issue can often cost time, or worse can result in miscommunication, which can cost them financially or discomfort. Some might even find these communication awkward and avoid them, which could make this situation worse. For example, imagine if a elderly person fails to understand her heart condition or unable to express her symptoms!

**Current solution**

**To be honest, all the other mobile translation apps look better than ours. So I decided to skip this part.**

However, even though the problem is massive, there are surprising lack of support for them.

Anyone who speaks a second language knows that google translator not only fails to explain simple sentence, but can often mistranslate a sentence resulting in whole misunderstanding.

Not only is this extremely unfriendly to use, it also lacks the nuance and context translation ability.

Furthermore, many user interface of translators lack accessibility features.

**UI issues**

\*shows UI and its problems

**The translation issue**

\*Translate something simple to something stupid.

These two are the main problems.

**Our solution**

Introducing *Translitify*, our innovative translation solution designed specifically for seniors.

**UI COMPARE**

One of our primary goals was to design a senior-friendly user interface. To accommodate users with impaired vision, we implemented large, easy-to-use UI elements. Additionally, the app uses high-contrast colors to enhance visibility and ensure clarity. Recognizing that many seniors find mobile devices challenging, we also enlarged the input boxes to make interaction more comfortable. These accessibility features make the app significantly easier for seniors to use, providing them with a seamless experience.

Accessible UI with high contrast for elders.

\*shows OUR UI

**BETTER TRANSLATION**

I do not think its legal to use OpenAI logo in our video, but I’ll just pull it out if it becomes a problem.

Many translators fail at translating slangs/informal speech, idioms. Context aware translation means it can translate these often hard to translate sentences with ease

Our state of art AI translation model is able to translate a sentence while being context aware. By using OpenAIs newest translation module, we can provide a translation experience on par with a actual translator.

**Conclusion**

By using our UI and translation, elder immigrants would benefit tremendously and have easier time adjusting to new Australian life.