**Speaker for the Dead**

[Part IV Project Management System](https://part4project.foe.auckland.ac.nz/home/project/detail/4524/)

half time uoa, half time australia. currently in australia.

phd student using chatgpt to write background. gpt makes up references

digital caharacter that is a copy of a real person. character able to respond to real interactions. Soul machines, say hello to suki. Suki utilizes chatgpt.

Little bit different - make a character that looks like a familiar person, have the character speak in the voice of the familiar person and have similar domain knowledge.

1. **Character sound like real person**
2. **Look like real person**
3. **Same domain knowledge.**

**Existing tools: Most of project glueing together**

* Microsoft tool that copies people’s voices. “Microsoft speech synthesis real person” VALL-E
* Tools that create realistic looking characters
* Most difficult: domain knowledge. Most models have too much knowledge? Constrain the domain. New AI tools that allow us to do that.
  + We want to feed in our own content to create the language model. E.g. feed a professors’ research papers into the model so that the model has access to that information.

Potentially split project: Jim work on character look + dashboard, nikhil work on speech and knowledge.

Also trying to do: make the character as responsive as possible. Delay to reply, synthesise response, etc. We want it to reply immediately, ‘let me think about that…’.

Emphasis on making the character that is as responsive and interactive as possible. **Lifelike**, rather than photo-realistic (deepfake etc.).

Project wants to **focus on the workflow** that creates a character, but we can demonstrate using at least one single character.

Prioritize cloud services, existing ai tools rather than personal compute resources. aim to have something working before september.

**Examples**

[\*\*Chat D-ID](https://chat.d-id.com/) - 2d character, chatgpt. Something like this\*\*

**Soul Machines Suki - 3d character, chatgpt.**

**weekly catchup meeting.**

In between, available on email. Slack channel.