

# UNIHACK SYDNEY 2017

Eliza.

A booking chatbot  
thought for the  
people...

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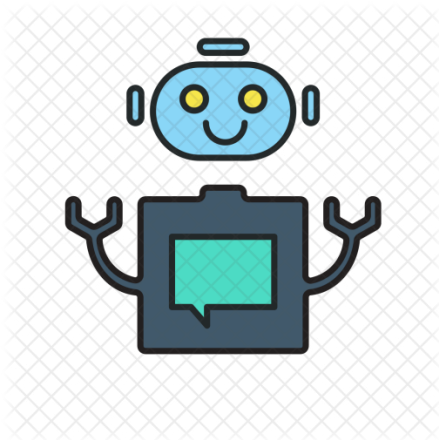
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# THE PROBLEM

To most people, making a hotel booking online has never been easier.

But for people not accustomed to digital environments, it's never been more confusing. What seems intuitive to many of us, is overwhelming, confusing and intimidating for them.

Also, we plan to ease this process for people with visual or motricity impairment.



# THE SOLUTION

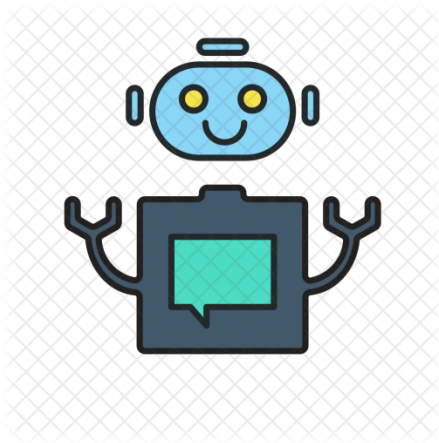
Eliza.

Making a booking, now becomes as easy as having a quick chat.

# TECHNOLOGY WE USED

**E**liza integrates:

- Voice recognition for user interaction (speech\_recognition package).
- MySQL as our database to store information about hotels.

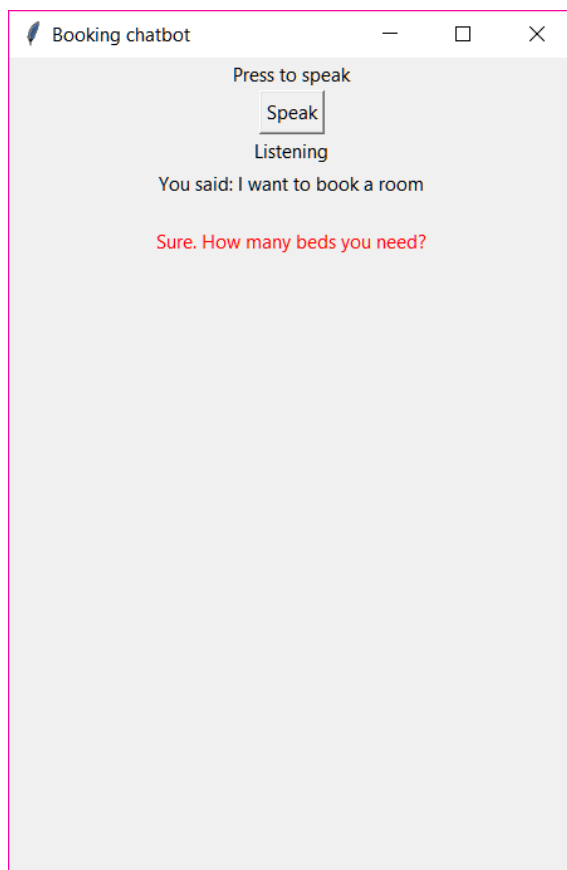


## FUTURE IMPROVEMENTS

We look forward to implement a NLP module to Eliza.

So far the dialogs of the bot are kind of... fixed :)

# FLOW OF THE APP



Eliza asks users the questions she needs in order to find the rooms. The user replies with the desire characteristics of the room and Eliza recognises what they are saying. Everything is done in simple and natural sequence of steps, like in a conversation.

