COMP9322 ass3 Dentist Chatbot
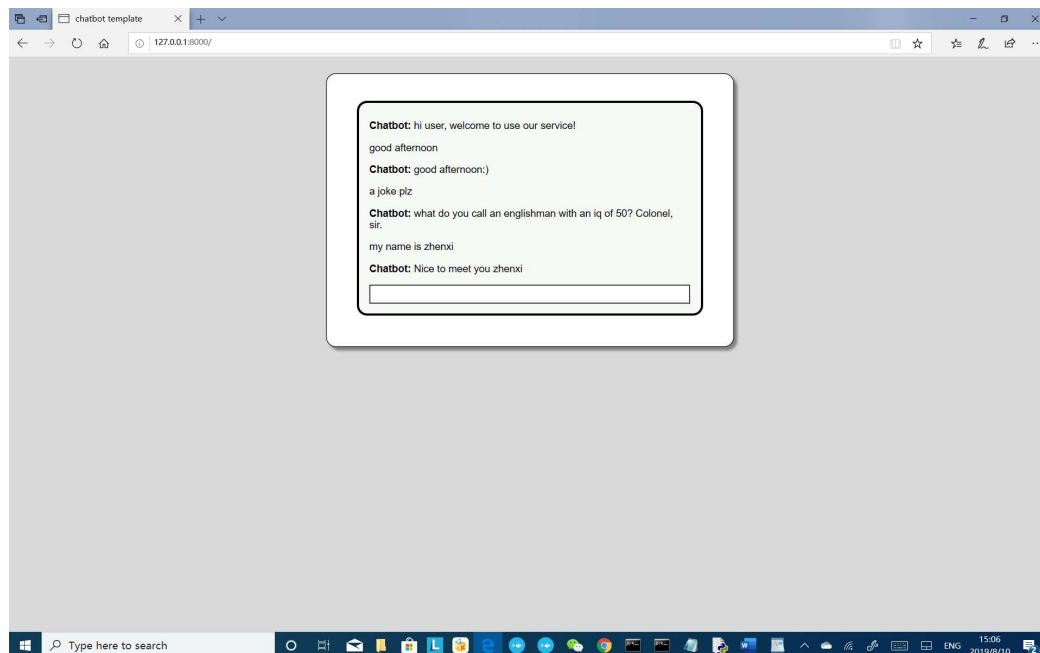
Xiao ZhenXi z5202238

Tech we use:

1. Swagger
2. Python flask
3. Js and html
4. Python http
5. Csv
6. RiveScript

How to run the service?

1. Run the doctor service (port:8088) and the timeslot service(port:8080) in docker.(In windows, my docker use 192.168.99.100 as ip address, this may be different. You can change the url in ./chatbot/app/demo/v2/api/ask.py)
2. Run the chatbot service in your computer cmd(port:5000)
3. Run the python http by using : python -m http.server(python 3.x)
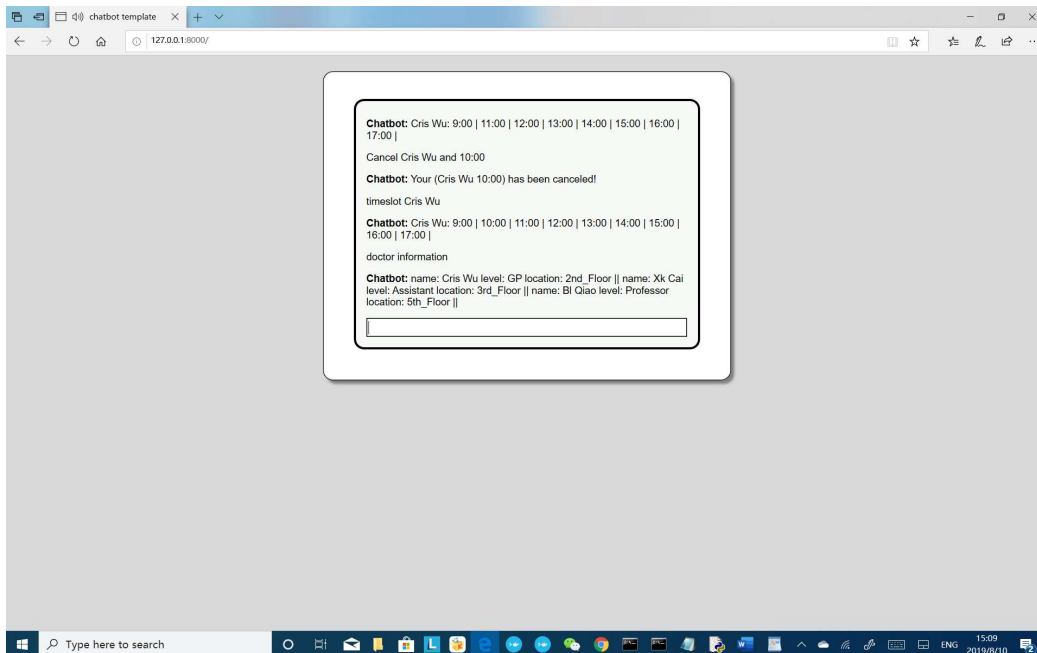4. Input http://127.0.0.1:8000/ to visit this page.
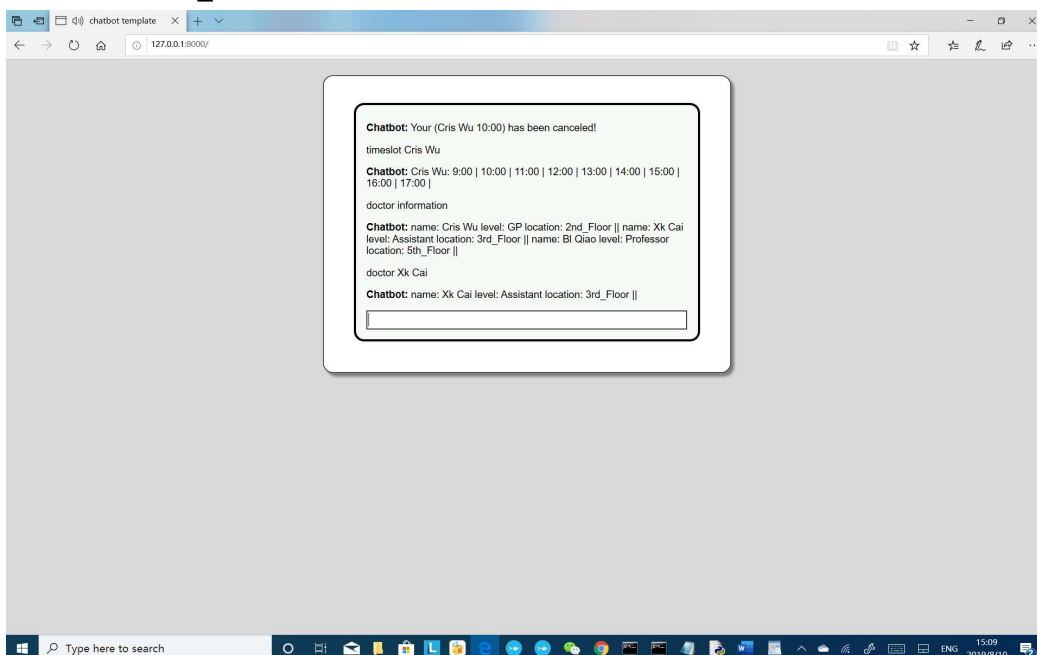
The example:

Greeting and jokes:

We can get all the doctor information by ask the bot :
doctor information

Chatbot: Cris Wu: 9:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 |

Cancel Cris Wu and 10:00

Chatbot: Your (Cris Wu 10:00) has been canceled!

timeslot Cris Wu

Chatbot: Cris Wu: 9:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 |

doctor information

Chatbot: name: Cris Wu level: GP location: 2nd_Floor || name: Xk Cai level: Assistant location: 3rd_Floor || name: Bl Qiao level: Professor location: 5th_Floor ||

You can also get a doctor's information use:

doctor <doctor_name>

Chatbot: Your (Cris Wu 10:00) has been canceled!

timeslot Cris Wu

Chatbot: Cris Wu: 9:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 |

doctor information

Chatbot: name: Cris Wu level: GP location: 2nd_Floor || name: Xk Cai level: Assistant location: 3rd_Floor || name: Bl Qiao level: Professor location: 5th_Floor ||

doctor Xk Cai

Chatbot: name: Xk Cai level: Assistant location: 3rd_Floor ||

Find all the timeslot available by input:

Timeslot

Find a doctor available time by input:

Timeslot <doctor_name>

Book appointment by input:

<doctor_name> and <time>

Chatbot: Nice to meet you zhenxi

timeslot

Chatbot: Cris Wu: 9:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 |
16:00 | 17:00 | Xk Cai: 9:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 |
15:00 | 16:00 | 17:00 | Bl Qiao: 9:00 | 10:00 | 11:00 | 12:00 | 13:00 |
14:00 | 15:00 | 16:00 | 17:00 |

Cris Wu 10:00

Chatbot: Sorry, I cannot understand. If you need to reverse, please
input the name of the doctor and the time. if you want to see all the
doctor information or timeslot, just input doctor information or timeslot

Cris Wu and 10:00

Chatbot: Your appointment has succeed! Thank you!

We can find that Cris Wu 10:00 has been appoinmented.

Chatbot: Your appointment has succeed! Thank you!

timeslot Cris Wu

Chatbot: Cris Wu: 9:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 |
17:00 |

Cancel Cris Wu and 10:00

Chatbot: Your (Cris Wu 10:00) has been canceled!

timeslot Cris Wu

Chatbot: Cris Wu: 9:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 |
16:00 | 17:00 |
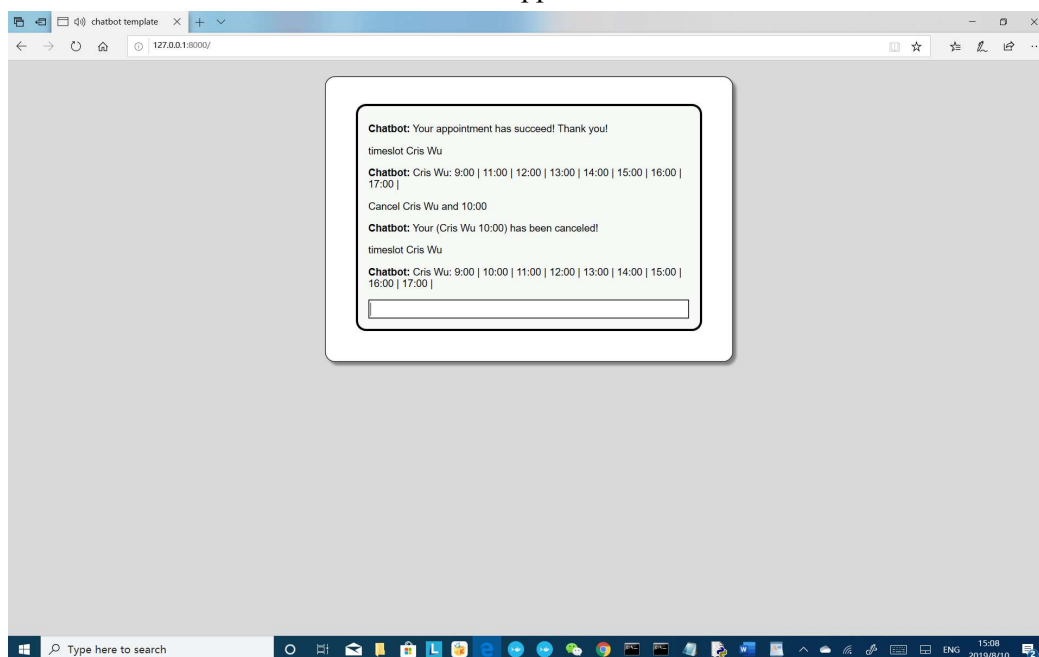
You can also cancel your appointment by input:
cancel <doctor_name> and <time>

Chatbot: Your appointment has succeed! Thank you!

timeslot Cris Wu

Chatbot: Cris Wu: 9:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 |

cancel Cris Wu and 10:00

Chatbot: Your (Cris Wu 10:00) has been canceled!

timeslot Cris Wu

Chatbot: Cris Wu: 9:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 |