The sprint2

After the development of sprint2, we can use our chatbot to search the route about how to go to Brock or Canada games by bus, drive and walk. Also,our Backend change to Modular Design Pattern, so that users can have a more simple and clear interface, it would be easier to use. We also created some basic questions and some training data, so that we can ask the chatbot some questions and the chatbot can answer with our training data. Our training data includes some basic Brock university information, some Canada games information, our program and course, about the Covid period policy and transit information. Most of the answers are from the answer list for some basic question, however, we would use Crawler to scrape the information instead of those training data in our next few sprints, so that we can have a good database more easily and correctly. In order to take care of the old or someone who has special needs, we set the different sizes of text, so that people can have a bigger size to view. In the Sprint 2, we started to develop Natural Language Processing, so that the chatbot can reply to the question much nicely and friendly, and also it can give them the answer much correctly. In order to have an intelligent chatbot, we use the fuzzy search to help the wrong typing words which the user entered. It means the chatbot can identify the misspelling or some tiny errors of words.

In sprint two, we are trying to set a period of time that all the work is done. mostly, we totally understand how long our goal and mission of the timing box is going to be. because we need to know what is sprint 3 and sprint 4, we have to have the proposal. the sprint 2 planning is going to kick off the sprint by setting the agenda and our crawler group focus. we know that we are the first crawler to the basic date. we used biochemistry as the first data we have to crawl.We use the urllib request, requests re and beautifulsoup which are the most incredible package to crawl our data.Like what I said before,I retrieved the link https://brocku.ca/webcal/2021/undergrad/bchm.html. As my experimental subjects.I used several keywords(class) such as 'calccode','calcname' inside the web page as the data crawler target.The next step which is we use the COSC major website 'https://brocku.ca/webcal/2021/undergrad/cosc.html'as our second experimental subjects.We got the asd.csv version document.We successfully the COSC the course number,course title and the course of description.In addition,we are trying to crawal the bus data from the bus api.although it is the basic api,we still can some useful information on the api.We used the

http://whereis.yourbus.com/bustime/api/v3/getroutes?ey=n3YEcYp545e55YhAVG65m9CKZ and we will get the text document from this api.