COMP7940

Project Milestone 3

During the Line Bot developing and testing, we found that our chatbot hardly give a correct response, because our database could not cover all the keywords and users would type the sentences by using their own words for asking a same question. In addition, updating the information into database was also inconvenience by using Redis. Since our teammates' educational background are business related but no computer science. Therefore, it would be difficult to us for solving the problem through coding.

For overcoming the difficulties, we adopted the Microsoft's QnA Maker to replace Redis. It is not only because QnA Maker can recognize the keywords in different sentence structures in order to provide an accurate result, but also we can updated the database to the Line Bot directly through the Microsoft Azure website interface without any coding.

In addition, the next plan for the major feature of our Line Bot will be accessing the API in order to automatically update the Infection cases in Hong Kong or Worldwide.

Reference:

Eric Y (2019), 人工智慧與應用實務| 05:LUIS 設置、QnA maker、Azure Web App Bot、LINE BOT. Retrieved from https://medium.com/eric-y-%E8%96%AA%E7%81%AB%E7%9B%B8%E5%82%B3/%E4%BA%BA%E5%B7%A5%E6%99%BA%E6%85%A7%E8%88%87%E6%87%89%E7%94%A8%E5%AF%A6%E5%8B%99-05-luis%E8%A8%AD%E7%BD%AE-qnamaker-azure-bot-line-bot-9dc75c76f643