Task 5.1 - C: LUIS and QnA Maker

This document supplies detailed information on Assessment Task 5.1 - C for this unit.

Key information

- **Deadline: Sunday 30th April 2023 by 11.59 pm (IST)**
- **Please Specify your Target grade for this task in the beginning of your submission and answer the question based on your target grade.**
  Example - "Target Grade - C", "Target Grade - D", "Target Grade - HD"

Grade	Criteria
C	Independently can design and solve a problem using the discussed AI solutions and methods with an acceptable performance. Can explain the results and discuss how the results are achieved.
D	Can explain the result in detail and provide a comprehensive understanding about the developed models and the results. Compare the methods if requested and select the optimal solution with acceptable explanation.
HD	Has the ability to be creative and explore and learn independently i.e., can solve problems by learning contents that are not covered in this unit. Can provide a comprehensive understanding about the developed models and results.

During week 5, you have learnt about Natural language processing and how to build a bot using Azure AI services. We have briefly discussed Natural language understanding in Azure.

Submission details:

In this task, you need to:

1) You need to select a domain and application and build a Custom Question Answering Bot using Azure Cognitive Services Language Studio, deploy it to Azure and attach it to a channel like Facebook.

You need to explain cell by cell of your code and provide us with the screenshot of your code running and the results.

Please make sure that you will delete all the resources after building the model. You will receive penalty on your score if you are not deleting your resources as it costs a lot.

Submit the following files to Olympus:

- **Submit your answers as a PDF file into the Olympus. You need to explain cell by cell of <u>your code and the process for each part</u>. You need to provide the Screen shot of your codes running. (Please note that your task will be graded based on the quality of the explanation for each part)**
- **If you are aiming for D and HD, you need to prepare a demo of your code and explain, how your code is running and what are the results of your code and submit it on the Olympus (<u>No more than 2 minutes)</u>**