



Task 7.1: Natural language processing (LUIS)

This document supplies detailed information on Assessment Task 7.1 for this unit.

Key information

- **Deadline: Monday 13 May 2022 by 8.00 pm (AEST)**
- **You can submit this assignment Twice. Please submit your assignment before the deadline to get the feedback and get a chance to resubmit the work.**

Overview:

In this assessment, you will design and build a language understanding model using LUIS for our university student central. Usually, In the education system gets a request from students regards to course planning, getting the information for the courses and units, how to apply for intermission, finding the locations in the university, the university event and so on. Student centre provides students with different support. Think how to build an intelligent chat bot using the natural language understanding model.

An example of a restaurant reservation is discussed in Week7 seminar.

This task will help you to understand how to build an AI solution using LUIS and integrate it into an application.

Submission details:

For this task you need to design and build a natural language understanding (LUIS) for our student central in our university. To do this task follow the instruction:

- Design a list of utterances, intent and entity.
- Train the model based on the designed utterances. Test the model until you get a good performance and then publish the model and get the endpoint. You need to provide us with the Example Query to test your model.

Submit the following files to Ontrack:

- A document includes the Screen shot of your model running along with the description of your utterances, intent, and entities.
- You need to provide the endpoint and Example Query.

The focus of this task is on building a natural language understanding model using LUIS and how to integrate it into an application.