

## NLP Assignment - First Semester 2022/2023

### ASSIGNMENT COVER SHEET

Lecturer Name: **Dr. Mohammad Alhawarat**

Course Name & Code: **NLP -0403440**

**Student List:** (Student number, Student Name)

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

**Submission Deadline:** 15<sup>th</sup> of January 2023 - 11:59 pm (E-learning System)

**Assignment Details:** Further Topics in NLP – First Semester 2022/2023

#### **Instructions:**

- Each group should be around 4 students.
- Each group will choose ONE of the following topics:
  - Document Summarization.
  - Question Answering Systems.
  - Spoken Dialog Systems.
  - knowledge distillation in NLP.
  - Recognizing Textual Entailment.
  - Minimum Edit Distance.
  - BERT Language model.
  - GPT-3 and GPT-4.
  - Urgency Detection using NLP (example: CrisisNLP).
  - Intent classification in NLP.
  - Auto-Correction of text.
  - Market Intelligence using NLP.
- Each Group is expected to collaborate and write n-page report, where n is the number of students in the group.
- Each group will have a team-leader who manage writing the report and preparing the presentation slides.

**Please note:** Work presented in an assessment must be the student's own. Plagiarism is where student copies work from another source, published or unpublished (including the work of a fellow student) and fails to acknowledge the influence of another's work or to attribute quotes to the author. Plagiarism is an academic offence.