Literature Review

Deadline

- Every group should submit a document of Literature review and do a presentation on their work

- Deadline of the document: November 14, 2020

Send a video of your presentation. You will have 15 min to present what you did.

Gathering Information

- <u>Goal:</u>
  - **Exploring your topic**
    1. finding, collecting and recording
       - You'll be locating books, articles, videos, WebPages and other resources about your topic and **reading to learn**!
       - Your search should be focused and specific
    2. As you read, start *taking notes* about your topic
    3. Keep track of the *bibliographic* references for the information you're using
    4. Start organizing your notes into logical groups
       - You may notice a gap in your research, or a more heavy weighting to one aspect of the subject than what you had intended, *if so fix it!*

How to cite things?

Artificial intelligence (AI) is the science of making machines do things that would require intelligence if done by humans [1].

'The art of creating machines that perform functions that require intelligence when performed by people' [2].

References:
[1] S. J. Russell, and P. Norvig, "Introduction," in *Artificial Intelligence: A Modern Approach* 3rd ed. New Jersey, Pearson, 2010, ch. 1, sec. 1.1, pp. 1–2.
[2] R. Kurzweil, *The Age of Intelligent Machines*. MIT Press, 1990.

- IEEE citation style:
  - www.ieee.org/documents/ieeecitationref.pdf

Preparing to Write

- Goal:
  - **Prepare yourself to write**
    1. Analyzing and organizing your information
    2. Exclude irrelevant information
    3. Prepare an outline
    4. Group important information according to its suitable section

Document Outline

- You report should have 5 sections as follows:
  1. Introduction (Overview of the topic)
  2. Background (describe AI techniques and algorithms mentioned in the rest of your document)
  3. The subsections that form the review of the literature (you should cover 15-20 research paper).
  4. Discussion
  5. Conclusion
  6. References

Your document should be of 10 pages

References

[1] Kathryn L. Schwartz. *A+ Research & Writing for high school and college students.* [Online]. Available: http://www.ipl.org/div/aplus/