

# Deep Learning - Final Project Document

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## 1 Project Grade and Time Line

The project is 70% of your grade and required scored at least 61 to pass the course. Make sure you spend the needed time and effort to achieve a quality results. The project's grade will be divided as follow: 5% for the project proposal, 15% for the presentation, 50% for the code and model, 30% for the project document.

The project starts at the 30.4.2020 and ends at the 11.5.2020. The project will be divided into six millstones:

- At the 30.4.2020 there is a project proposal presentation (10 minutes presentation, 5 minutes questions) in class (well, Zoom).
- Each week an email with status update after class.
- At the 11.5.2020 there is a project presentation (20 minutes presentation, 10 minutes questions).

## 2 Project Code

You need to use Python 3.x (not Python 2.x). The code must keep the PEP8 (<https://www.python.org/dev/peps/pep-0008/>) standard. All code must be OO (object oriented) and with logical separation to files.

## 3 Project Paper

The best thing is to review other papers in the field and to do something similar in structure.

The main elements that must be included in the project document:

- Title
- Authors
- Abstract (100 to 250 words)

- Introduction (300 to 600 words)
- Related Work (400 to 800 words)
- *Main research* - problem, architecture, new ideas, implementation...
- Experiments (with results)
- Discussion
- References

Few important style and structure comments:

- use IEEE citation style in your project paper. A claim, data source, algorithms or any other source without reference (citation) won't be excepted.
- Each figure must be numbered and with caption under the figure itself.
- Each equations must be numbered (align to the left side)
- Each table must be numbered and with caption under the table itself.
- Each graph, table, equations must be mentioned in the text itself with reference to the figure table equation using the number.

Note, not taking this comment into consideration will reduce your score.

You can use Latex with (<https://www.overleaf.com/>) with will make the writing and styling of the paper easy and introduce you with a powerful tool that research groups use.