

Practical Work

Check Points

During the project development, two checkpoints will allow to discuss and (re) align the project's goals:

Checkpoint	Content	Deadline (EoD)
CP I	Fill in Moodle's related questionnaire (1 per group).	17.10.2022
CP II	Short presentation to the class including context and motivation, identified requirements, existing solutions/approaches for the same problem, knowledge sources to be used and architecture of the solution.	15.11.2022

Final Delivery

The final project submitted online, on the unit Moodle's page and is composed of:

Content	Deadline (EoD)
a) PDF for the report (report-xx.pdf);	12.12.2022
b) short presentation including demonstration;	12.12.2022
c) knowledge sources and code developed for the delivery (sources/) including instructions for installation and use, if required (install.txt).	12.12.2022

On the final class, there will a workshop with the demonstration prepared and a discussion of the practical work.

All groups will be invited to ask at least one question to the presenting group and submit anonymous feedback regarding the demo.

The project is evaluated based on its originality and the level of use and compliance with web semantics technologies and standards. Please take care to rank your project according to the Linked Open Data principles and carefully justify the selected ranking:

- 1 Star: data is available on the web (whatever format), but with an open license.

- 2 Stars: data is available as machine-readable structured data (e.g., Microsoft Excel instead of a scanned image of a table).
- 3 Stars: data is available as (2) but in a non-proprietary format (e.g, CSV instead of Excel).
- 4 Stars: data is available according to all the above, plus the use of open standards from the W3C (RDF and SPARQL) to identify things, so that people can link to it.
- 5 Stars: data is available according to all the above, plus outgoing links to other people's data to provide context.

Final Report

The final report must be submitted in PDF format no later than the deadline.

The report uses [technical writing](#) and is organized as a scientific paper according to the model provided in the Moodle page. This model specifies that reports have a title, an abstract, an introduction, the suitable content sections, conclusions, and references.

The final report project is documented in a paper with up to 4 pages (plus annexes) including: the requirements, the existing solutions for the same problem, the architecture of the solution, development details and the evaluation of the result. Please discuss and justify in this document the rating according to the Linked Open Data principles discussed in class and listed previously.

Final Demo

The final presentation must include a demonstration of the solution made by the group participants. This demonstration can be done live or be in the format of a short video. Creativity and originality are welcomed and valued.

Knowledge Sources and Source code (if required)

A single archive with the knowledge sources, code and all artefacts developed, must be submitted online.

Good work!

Liliana Ferreira

