

How to start the final project?

Form a group of 2 students in the class and brainstorm the topics you want to work on. For example:

- 1) The dining philosopher problem
- 2) The reader and writer problem
- 3) The scheduling models
- 4) Memory management

Feel free to consider something else. But the topic should be in the field of operating systems.

Deliverables

- A paper with at least four pages to Whitgit
- Code (if applicable) to Whitgit
- An individual reflection to my email

Timeline

- May 6 (Monday): Oral Proposal
- May 8 (Wednesday): progressive report (Oral)
- May 10 (Friday): progressive report (Oral)
- May 13 (Monday): progressive report (Oral)
- May 15 (Wednesday): Presentation at 1:00 – 3:00 PM. Submit due at 23:59.

Rubrics and Criteria

For the final project grade, 65% points come from the paper you submitted. If you are submitting a research paper, the following components should be included:

- (5%) Title, authorship, abstract, key words.
- (5%) Introduction and (optional) Preliminaries
- (20%) The proposed schemes / methods / algorithms
 - This is the section you need to give a comprehensive and detailed description of your model
- (25%) Experimental Results and comparison
 - In this part, you need to run experiments to prove your point of view, present the experimental data in a systemic way using chart or table, analyze these results, and compare them to other people's work published in peer-reviewed journals.
- (5%) Conclusions
- (5%) References

If you are submitting a survey paper, the following components should be included:

- (5%) Title, authorship, abstract, key words.

- (5%) Introduction and (optional) Preliminaries
- (45%) A comprehensive survey of a particular field
 - At least 10 peer-reviewed papers on the same topic should be analyzed and compared.
- (5%) Conclusions
- (5%) References

The other 30% comes from paper format, oral progressive report, presentations, and the individual reflection.

- (10%) Nice format following IEEE Manuscript Templates for Conference Proceedings (<https://www.ieee.org/conferences/publishing/templates.html>)
- (10%) Each group should talk to me at least three times. We will discuss your paper proposal on 5/6 (Monday) and your progress during the time of 5/7 – 5/13.
- (10%) Each group will present their paper for about 10 mins. All members should participate the presentation. Please prepare slides for the presentation.
- (5%) Individual reflection to my email. The individual reflection could include:
 - Argument for evaluation outcome (i.e. what grade do you think you deserve?)
 - Reflection on the process
 - What went well?
 - What didn't go well?
 - What would you change if you did this project again?
 - Favorite part of the project? What do you feel really good about?
 - (if in a team) How did your partner do?
 - (if in a team) What is your evaluation of them?
 - (if in a team) What is your evaluation of how good of a teammate you were?
 - Any thoughts on how I (as the instructor) can better prepare, set-up or execute the final project in the future?