Cloud Computing Course

Evaluation

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Group project

You will work in groups of four on a Cloud-based project.
The goal is to design, deploy, and document a fully functional application hosted in the Cloud.

Objectives:

- Deploy an application on a Cloud platform of your choice
- Define your entire infrastructure as code
- Application is deployed automatically
- CI/CD was used to develop and deploy architecture & application (don't forget to test!)
  - I need to check if it is possible to CD with IaC
- Document your project clearly in a README.md file (objective, installation and usage method)
- Use correctly multiple Cloud resources (storage, compute, etc.)
- 5 bonus point for creativity !

Group project

Please be aware that:

- If your application is too simple (For example, if it consists of one ressource like a web app), I can award fewer points than to another group

- If I can't re-deploy your project from my own environment, except for easily configurable variables, you will receive a zero

- I reserve the right to deduct points if I see that your code is entirely generated by AI without you understanding what you are doing.

Group project

Key deadlines:

- November 27: 15-minutes discussion to check your progress, answer any questions and ensure that you understand what you are doing
- December 12: Project submission
- December 19: Final grading deadline for me

To follow your group and your progress:

- Please send me all groups by the next class
- Also send me your shared repo

Written Evaluation

November 27, 2025

The written evaluation will last 1 hour and account for 25% of the final grade.
It will include:

- A short quiz covering key concepts from the course
- Practical cases, where you will think about the most appropriate tool based on a given context