Cloud Computing & Virtualisation

Final Project

Mars 2023

How we are going to do it?

- Working preferably in pairs in the same TD groups

- You are going to complete the Excel dedicated to the organization of your project
  (Your full name and the name of your teammate, the subject that you have chosen to work on)

- You are not allowed to use the examples used in TDs

Your Project should have:

- At least two containers, one being a database of your choice

- At least one well-documented Dockerfile and docker-compose.yml *(with comments)*

- A volume to make your database persistent and also a bind mount

- An explicit bridge network for the communications of your containers

- A Docker Hub public repository for your docker images

- A GitHub repository with instructions to run your project (The collaboration of both contributors should be visible)

- At least a dependency requiring the installation of an external library/package

The presentation and evaluation

- You have 10 minutes to present your project *(7 minutes of presentation and 3 minutes Q&A)*
  - Both teammates should explain the technical architecture and how they have collaborated

- Your presentation skills are also evaluated (5 pts) the precision and the accuracy of your words are important

- During this presentation you should demonstrate your knowledge of all keys concepts seen in this course

- You are asked to use a medium for your presentation (PowerPoint)

- The language is English (None-negotiable)

To validate the subject

- Send an email with this title : [A4-Cloud Computing & Virtualisation]

- In CC add the email of your teammate

- Explain your subject idea

- You will receive a confirmation email if your chosen subject meets the standard

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Questions?

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