



# Development Environments Course

## Compulsory Assignment

Welcome to this compulsory assignment 😊

It is divided in two parts:

- 1) You must develop a web application in a framework chosen by **you**.
- 2) You must setup a **complete** and **working** development workflow consisting of: Integrated Development Environment (IDE), Version Control System (VCS), Automated Testing, Deployment and Continuous Integration and Continuous Delivery (CI/CD) for your web application. You are also free to choose your work-flow tools.

### Groups

You can work alone or in groups of maximum 3 students.

### Notes

- Your web application must be functional and serve a purpose (company web site, time tracking system, note taking app, parking app, product store, project management tool etc.)
- You must present your solution to the class (15 mins max.) - **the 28<sup>th</sup> April 2022**.
- Topics for the presentation could be: demo the app, show some interesting code, show your work-flow and talk about your reflections on the development process.
- You may use your PWA/REST API course web applications to create your workflow from.
- You may use your solution as the basis for your Development Environments exam.
- No report. Just planning, code, development and workflow.
- Grading: Pass / Not Pass
- You must pass this assignment to attend the Development Environments exam.

**Good Luck!**

