Advanced Programming
Season 2024-III
Workshop No. 2 — Object-Oriented Programming

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Welcome to the **second challenge** `Advanced Programming` course, congratulations to survive to first challenge.

As you remember, you had been hired as `software engineer` in an `eletronic devices company`. You delivered a *first version* for the software for `electronic devices`, and it was fine.

However, the `CTO` of the company thinks you could make a *better analysis*, *documentation*, and some possible *improvements to the code*, for example the `menu management` or the `client authentication`, it is because due at the good product you built, now `more external users` could just search and watch more **electronic devices**.

You must deliver a technical report with next specifications:

1. `Refine/update` the **user stories** you consider for the project.

2. `Create` **CRC Cards** to identify in a better way the classes.

3. `Create` **activity diagrams** in order define and understand better the processes into the tool.

4. `Create` **sequence diagrams** in order to understand better callings between objects and interactions with the final users with the application.

5. `Create` a *new version* of the **Class Diagram** for the application.

6. Describe the `changes` and `improvements` you apply to the **code**.

With the **technical report**, you must to `upload` the **code with the changes**, it means, the `last version` you could make. You must deliver a repository in *GitHub* where

you must have a folder called `workshop-2`. There, you should let your *code*, a simple *README* file as description of the folder, and a *technical report* in `pdf format`.

Into the **technical report** all *UML diagrams* of your solution should be provided. Also, you must write about technical concerns and decisions you make to create the architecture of your proposed solution. All in addition to the first version of the `technical report`.

Deadline: **Saturday, Octuber 5, 2024, 6:00 PM.**