

Laboratory

Lab sessions 7 and 8

Presentation layer (GUI)

GestAca

Software Engineering
ETS Computer Science
DSIC – UPV

Year 2024-2025

Presentation layer

The final application must consist of three layers: presentation, business logic and persistence. Both logic and persistence layers have already been implemented in the previous sessions, so in the last two working-sessions (7 and 8), the team must develop the graphical user interface (GUI) for the use cases described in the previous bulletin.

The GUI design is decided by each team, and custom solutions can be implemented. In this regard, you can add additional methods and services (based on the guidelines provided in the previous bulletin) in order to customize your interfaces, if needed.

Regarding the GUI, it must be implemented by using **Windows Forms**, as explained in the theory lessons (chapter 7).

- Creating a Windows app.
- Dependency management.
- Connection to the business logic layer.
- Connection to the persistence layer (from the business logic layer and the App.config file).
- Form design (visual inheritance).

Delivery date

The delivery date will be the corresponding to the ninth lab session. ALL TEAM MEMBERS MUST BE PRESENT THAT DAY, as they will be required to answer questions about their implementation.