Exercise 0: simple questionnaire
Please answer the following questions, as truthfully as you can. The purpose of these questions is not to grade you, it is to have a statistical knowledge of the population of students that take this course.

Q1: In your own words and a few lines, describe what you think software engineering is about.

Q2: In your own words and a few lines, describe what are the main phases of a software engineering project?

Q3: Have you worked in team for software engineering project?
  Size of the team?
  Duration of the project?

  1 -

  2 -

  3 -

Q4: Do you enjoy coding on a scale of 1 to 10? (lowest is 1).

Q5: What do you like/dislike in coding and why?

Software project organization

Exercise 2
- What activities are necessary to deal with for a software project?
- How can those activities be organized?

Exercise 3 Which development process for the following systems?
- A system for student management in university
  (this system replace an existing system without any functional evolutions)
- An new interactive system for travelers to have schedules on their smartphones
- A system to control subway without drivers
- A very large system for Air traffic management
- A very new 3D-system for software maintenance
- Infrastructure and services to make Grenoble one of the "smartest" European smart-cities

Requirement Elicitation

Exercise 4

- Imagine a scenario to illustrate one of the requirement elicitation approaches.

- Transform your scenario into a small film (you can use Playmobil, drawings, or you can be the actors). The film should conclude with the advantages and the weaknesses of the approach.