Semester Project: What and when to hand in

For the Release Planning:

You must deliver:

What

1. Your **Product Backlog**, i.e., the list of **user stories** you have written in connection with the requirements specified for your part of the project (using the **Connextra template**).
    a. The Product Backlog must include a **prioritization** and
        an **estimate** (**in story points**) of the user stories.

2. The "**Definition of Done**" (DoD) you agreed with your group.

For the Sprint Planning:

At the beginning of each Sprint, you must deliver:

What

3. Your **Sprint Backlog**. It must include:
    a. An updated **estimate** (**in story points**) of the stories in the Product Backlog,
    b. The list of **user stories** that will be implemented during the Sprint (using the **Connextra template**),
    c. For each user story, the **acceptance criteria**
    d. For each user story, the list of **tasks** with an **estimate in hours**,
    e. The updated team **Velocity**.

4. Your startup **Scrum Board**.

For the Daily Scrum:

In the middle of each Sprint (at the end of each Daily Scrum), you must deliver:

What
5. Your **Daily Scrum** report.
6. Your mid-Sprint **Scrum Board**.
7. Your mid-Sprint **Burndown Chart**.

For the Sprint Review:

At the end of each Sprint, you must deliver:

What
8. Your **Sprint Review** report.
9. The **UML diagrams** (if any) developed during the Sprint.
10. Your final **Scrum Board**.
11. Your final **Burndown Chart**.
12. The list of all pull requests made during the Sprint to the common Gitlab repository.

For the Sprint Retrospective:

At the end of each Sprint, you must deliver:

What
13. Your **Sprint Retrospective** report.

For the Final Report:

You must deliver a final PDF including:

1. An introductory chapter (**Chapter 1**) contextualizing the project and the specific module/set of tasks you worked on.
2. A second chapter (**Chapter 2**) with the material previously handed in for your Release Planning.
3. A chapter (**Chapter 3**) with all the material previously handed in for each Sprint.
   a. **Section 1** for the material of Sprint 1,
   b. **Section 2** for the material of Sprint 2,
   c. **Section 3** for the material of Sprint 3,
   d. **Section 4** for the material of Sprint 4,
   e. **Section 5** for the material of Sprint 5,
4. A technical chapter (**Chapter 4**) presenting:
   a. All the UML diagrams used in the project and the rationale behind their design (explain what they represent, which aspects of the system they're modeling, and why the group considered they were relevant for explaining these aspects). Remember you must produce at least one of each UML diagram taught in class (i.e., Package, Classes, Activity,

Sequence, and State Machine),
b. How *Simple Design* was implemented throughout the project and your reflection on it,
c. How *Incremental Design* was implemented throughout the project and your reflection on it,
d. How *Refactoring* was implemented throughout the project and your reflection on it
e. How *Test-Driven Development* was implemented throughout the project and your reflection on it,
f. How *Unit Testing* was implemented throughout the project and your reflection on it,
g. How *Pair Programming* was implemented throughout the project and your reflection on it,
h. How *Code Review* was implemented throughout the project and your reflection on it.
5. A conclusion chapter (**Chapter 5**) with the group's reflection on:
a. The project as a whole and its experience while working on a common project with the other groups (what went well, what went not so well).
b. Its experience with the development of the group's specific set of tasks (what went well, what went not so well),
c. The specific contribution of each team member,
d. Potential actions that could be adopted in future projects to avoid the problems and/or difficulties faced by the team during the project.

Schedule of mandatory hand-ins:

*(All submissions through itslearning except the final report which should be on DigitalExam. All the material must be in **English**.)*

What	Deadline
Release Planning package	05/03, 23:59
Sprint 1 – **Sprint Planning** package	-
Sprint 1 – **Daily Scrum** package	-
Sprint 1 – **Sprint Review and Retrospective** packages	19/03, 23:59
Sprint 2 – **Sprint Planning** package	19/03, 23:59
Sprint 2 – **Daily Scrum** package	02/04, 23:59
Sprint 2 – **Sprint Review and Retrospective** packages	09/04, 23:59
Sprint 3 – **Sprint Planning** package	09/04, 23:59
Sprint 3 – **Daily Scrum** package	16/04, 23:59
Sprint 3 – **Sprint Review and Retrospective** packages	23/04, 23:59
Sprint 4 – **Sprint Planning** package	23/04, 23:59
Sprint 4 – **Daily Scrum** package	30/04, 23:59
Sprint 4 – **Sprint Review and Retrospective** packages	07/05, 23:59
Sprint 5 – **Sprint Planning** package	07/05, 23:59
Sprint 5 – **Daily Scrum** package	14/05, 23:59
Sprint 5 – **Sprint Review and Retrospective** packages	21/05, 23:59
Final Report and Code Submission	31/05, 23:59