

3rd semester Project (Mandatory assignment)

dat13w

Start: week 13

End: week 20

In this semester you are going to work with a project using the Extreme Programming(XP) methodology.

The overall purpose of the systems development project is to give you an opportunity to use and evaluate XP. I expect that the project will result in a working IT system.

It will be good for you to use the project for improving your programming skills, but the primary objective is for you to get knowledge of and experience with XP. If you wish you are allowed to combine XP and Scrum.

The project is a group project. The groups are:

Team XP-antelopes	Team XP-cheetahs
Adrian	Eucheria
Brandon	Tonni
Ivaylo	Raido
Kim	Thomas
Stoyan	Oliver
Morten	Simon
Åsa	

Project Requirements:

1. A working system must be developed.
2. The system design must be based on Extreme Programming. The teacher defines the project and will play the role as customer.
3. A project report should document the system and the system development process. The report must include:

- An iteration plan (2-3 iterations)
- System Requirements for each iteration documented by prioritized user stories and their estimates
- For each user story a log of estimated effort versus actual effort (see example below)
- Documentation of the chosen coding standard
- The design of the system after the last iteration must be documented by the source code and unit tests

4. Oral presentation

- Demonstration of the system
- An evaluation of the process and development method

Each team appoints a Coach or Scrummaster, this person will also act as Tracker.

For all iterations the Tracker logs the effort for all the user stories in the iteration:

Example:

User story	Estimated effort	Actual effort
xx	2	2,5

Based on the log the Tracker can adjust the velocity of team or suggest behavioral changes that will affect the schedule.

Approval of the project:

Attendance is compulsory since XP prescribes that all work is done together with the team- no individual work at home.

Both the written and the oral part must be approved.

Written part: The Project report must be uploaded as a group hand-in to Fronter as a single PDF file Tuesday 6th of May before 15:00.

Filename: XPproject_TeamName.pdf

Oral part: Will take place Tuesday 13th of May from 8:30

Each group has 20-30 min. for the presentation. All group members must attend.

I hope that you will enjoy the project and that you will obtain the results you are aiming for.

Best regards

Marianne