

IN5140

Smart processes and agile methods in Software Engineering

Group session 1
Aug 19, 2025

Agenda

First hour:

- Practical information
- About the project

Second hour:

- Forming Groups
- Questions & Clarification



Practical Information

Teaching Assistants & Group Lessons

- ❖ Jay Song jayeongs@ifi.uio.no
- ❖ Sandrine Eunice Taoum sandrint@ifi.uio.no

Two group sessions per week:

- ◆ Tuesday 08:15 - 10:00 in Seminarrom Java (2423)
- ◆ Thursday 12:15 - 14:00 in Seminarrom C (3437)

You may attend either session as needed!

Slides will be published after the group sessions

Attend the Lectures!

It is **highly recommended** that you attend the lectures live and use the recordings for repetition or as a back up.

There can be **technical issues** with the recordings.

This course is very **information heavy**. The slides are not sufficient for the exam without the additional context provided in the lectures.

Lectures may contain discussion segments which will NOT be uploaded. These are still part of exam!

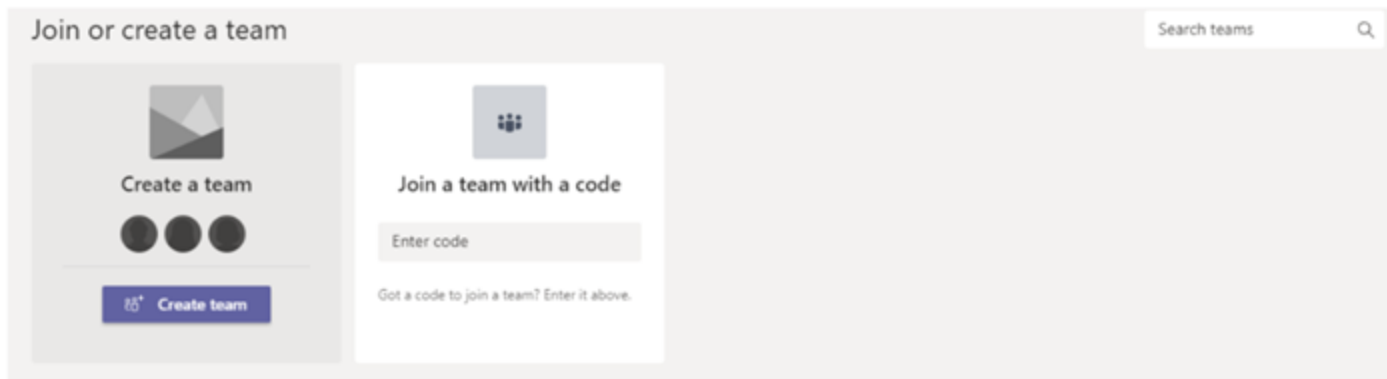


This courses uses Teams (use UiO account)

- Teams will be used for coordination, discussion and questions.

2. Join the course Microsoft Teams channel with UiO login using Code: **opj73sx**

To use this code, the user must choose **Join or create a team**, and then type the code under **Join a team with a code**.



The screenshot shows the Microsoft Teams interface for joining or creating a team. At the top, there is a header bar with the text "Join or create a team" on the left and a search bar labeled "Search teams" on the right. Below the header, there are two main options presented as cards. The left card, titled "Create a team", features a geometric icon, three black circles, and a blue button labeled "Create team". The right card, titled "Join a team with a code", features a grid icon, a text input field labeled "Enter code", and a note that says "Got a code to join a team? Enter it above.".



Project milestones throughout IN5140

What	Due date	Grading
Group-form must be submitted	Before 31th August	
Deliverable 1 – The booklet	5th of October, 23:59	pass/fail
Deliverable 2 – BPMN diagram & reflection	Will be updated	pass/fail
Deliverable 3 – Improvements on BPMN diagram	Will be updated	pass/fail
Project Presentations	10th, 11th or 13th of November	pass/fail
Final exam	1st of December, 09:00	A-F

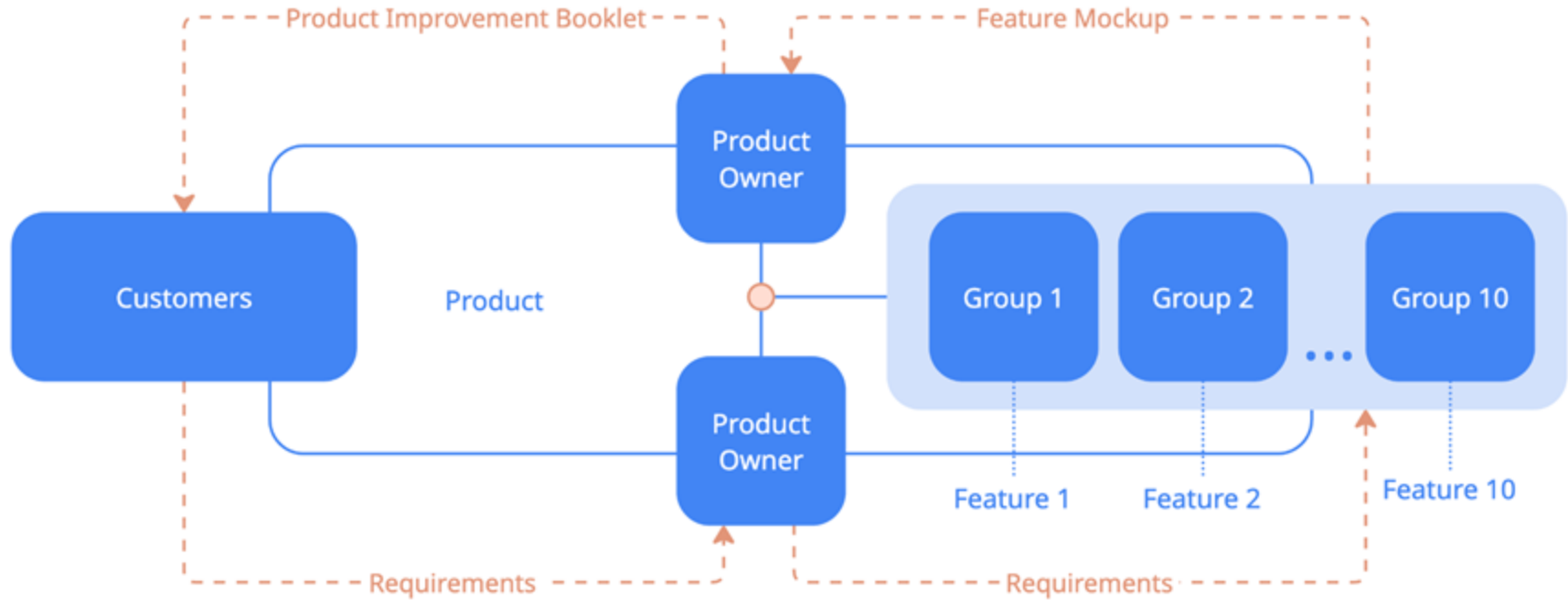
Submit deliverables here (PDF): <https://devilry.ifi.uio.no/>

Assignment 1

Assignment 1: Structure

- 2 customers (TAs: Jay and Sandrine)
- 4 products (Overleaf, GPT UiO, Mentimeter, Trello)
- 2 Product Owners per product (Total of 8 students to volunteer)
- 10 features per product
- 1 product feature per group

Assignment 1: Structure



Product Owner?



IQVIA

Product Owner - Hybrid

Columbia, MD · Reposted 3 days ago · 75 people clicked apply

Promoted by hirer · Responses managed off LinkedIn

\$69.6K/yr - \$174K/yr

Hybrid

Full-time

Product Owner - Hybrid

IQVIA · Columbia, MD (Hybrid)

Apply 

Save



We transform and accelerate research and development.

As a Product Owner, you will lead the development of **Labmatrix**, our flagship platform for sample tracking and consent management. You will manage the product backlog, collaborate with cross-functional teams, and ensure delivery of high-impact features that meet client needs in the life sciences space.

What you'll be doing:

- Define, prioritize, and manage the Labmatrix product backlog to align with business goals and customer needs.
- Translate stakeholder requirements into actionable user stories focused on sample tracking, consent management, and biobanking.
- Collaborate with development, design, QA, and commercial teams to ensure successful product delivery.
- Participate in Agile ceremonies including sprint planning, stand-ups, reviews, and retrospectives.
- Serve as the primary point of contact for product functionality and requirement clarification.
- Communicate progress and gather feedback from internal and external stakeholders.
- Review and approve completed work to ensure it meets acceptance criteria and quality standards.
- Monitor product performance and use metrics to drive continuous improvement.

Project Goal:

Create a product improvement plan for an existing product



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AI-powered Organization

Smart file tagging and organization



Advanced Version Control

Git-like branching for your documents



AR File Visualization

Interact with files in 3D space



Smart Search

Natural language processing for easier file finding



Blockchain Verification

Secure file tracking and authentication



Real-time Translation

Collaborate across language barriers

Deliverables:

- First **catchy page** with product-related information
- Page with selected **features and their prioritization** in an ordered list
- Page describing the needed **technology stacks** to improve the product
- Page containing the estimated **number of employees and their roles** needed for the product improvement
- At least **one page for each feature** with a UI/UX mock-up
- Page(s) with a **Gantt chart** (https://en.wikipedia.org/wiki/Gantt_chart) of the proposed plan to develop the features
- Each group delivers a document with the list of their members and their contribution to the process or the development of the booklet.

**Let's get to know each
other!**

15 minute ☕ break

Groups

- Size of groups: 3-5 students
- Number of PO positions available: 8
- Use the form to make your own groups OR to request to be assigned a group
- Deadline: 31st of August <https://nettskjema.no/a/536725>



Next Group Session:
KANBAN GAME