

Project for Planning Product Improvements

As part of a multi-group project, students will work in 4 groups of groups (GoG) to enhance 4 existing software products with cutting-edge features. Each GoG will select one product from the provided list. The groups in such GoG will collaborate to create a comprehensive booklet detailing their proposed enhancements, technical requirements, team structure, mockup of features and implementation strategy.

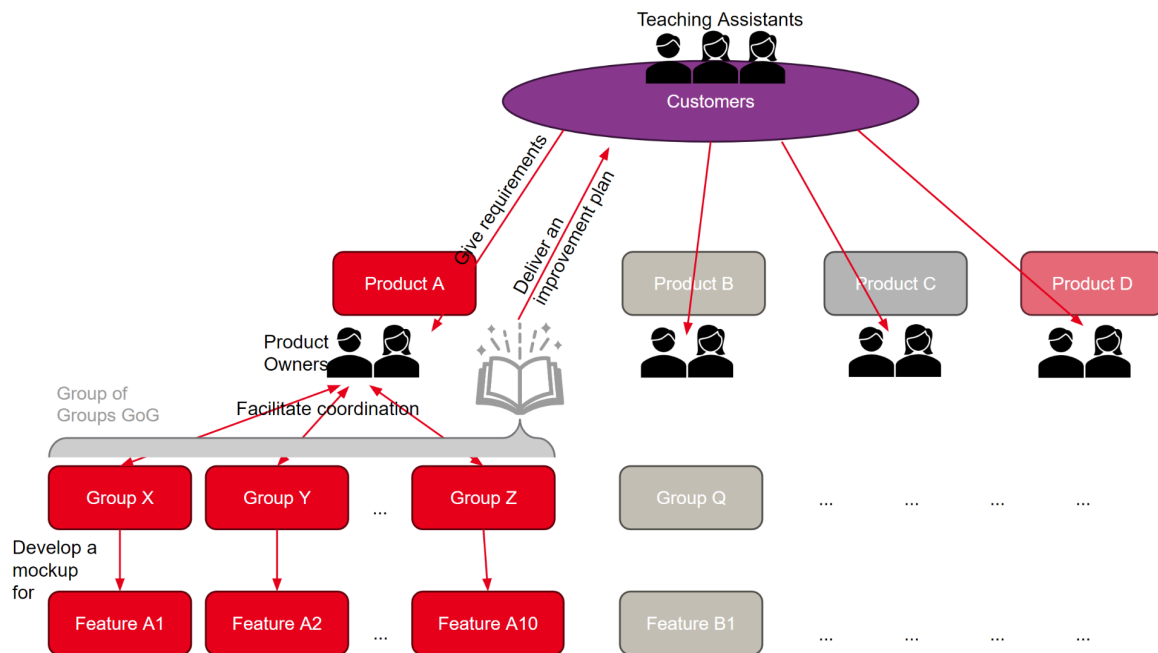
Project Goal:

1. Create a product improvement plan for an existing product.

Deliverables:

1. A booklet detailing the enhanced product should contain:
 - First catchy page with product-related information (pictures, phrases, etc.)
 - 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 (see below)
 - At least one page for each feature with a UI/UX mock-up showing the envisioned feature in use
 - Each group should develop a distinct feature (see below)
 - Page(s) with a Gantt chart (https://en.wikipedia.org/wiki/Gantt_chart) of the proposed plan to develop the features
2. Each group delivers a page with the list of the students participating in the project and their contribution to the process or the development of the booklet. This page will need to be delivered on Devilry.

Diagram explaining the project structure



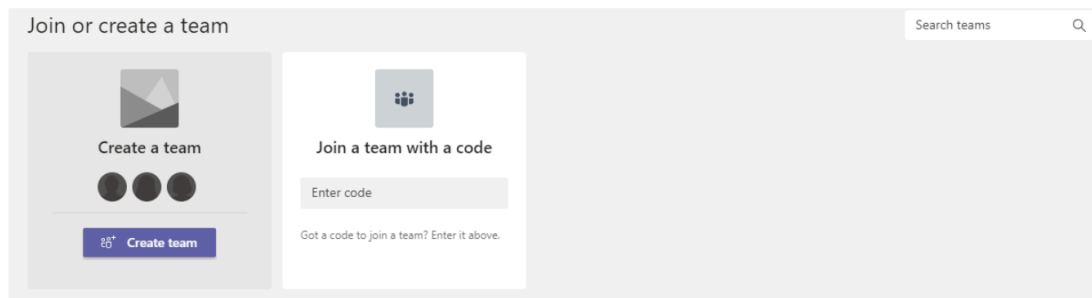
Mandatory project activities:

1. Team size should be 3-5 people. During the first group session or in any case by **24th of August 23:59**. Use this form to create or be assigned to groups <https://nettskjema.no/a/536725>.

The groups will be created in Devilry and each group will receive an ID by the Teaching Assistants (TA).

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**.



3. Each group will be assigned a Product (they will be part of a GoG) and a feature. The groups attending the group session will be able to choose the features; otherwise, the features will be

assigned by the TAs. This will be done during the group session on **19th and 21st of August**.

4. Each group **needs to subscribe to the Teams channel** related to the product they are improving. Groups can also create their own channel in Teams related to the group (not mandatory, any tool can be used).

5. Two people per product will be selected as Product Owners (POs) during the group sessions on the 19th and 21st of August to be responsible for helping coordinate across the groups in the same GoG and to communicate with the TAs to discuss the requirements. Such roles will not contribute to the single group's work directly for the first assignment.

- The TAs act as the customers.
- Groups cannot directly ask the TAs but need to talk to the POs if they need clarifications on the product improvement or the booklet.
- The POs are the only ones who can communicate with the customers (TAs).
- POs' main task is to coordinate the groups to ensure that the requirements are correctly implemented in the final booklet.
- POs need to make sure that the various parts of the booklets are delivered in time by the deadline.

6. As soon as the POs are appointed, they will receive the requirements by the TAs and such requirements have to be forwarded by the POs to the groups in each GoG.

7. We recommend to assign some roles in the groups, for example:

- Project Manager: coordinate with the other groups and the POs
- UX designer: to design the feature mockup
- Remaining roles can be assigned by the group

8. The booklets should be delivered by the POs on **Devilry**, by the **5th of October 23.59**. This delivery is mandatory for all groups.

The additional page with the students' contributions along with their mockup features needs to be delivered by each group (by any person in the group) by the **5th of October 23.59** on **Devilry**.

If a group misses its assigned feature in the booklet or the contribution page, the group will fail the assignment and the whole project, and the participating students will not be able to sit for the final exam.

If a PO doesn't deliver the booklet in time (whatever it contains) they will fail the assignment and the whole project, and the participating students will not be able to sit for the final exam.

After the first assignment the POs will join their own group of POs and will carry out the other assignments with such group.