Project description IN5510

This is a description of the mandatory project in the course IN5510 *Participatory Experimental Design* — fall 2018.

Purpose

During the project you will:

- Make a description of an application area using the methods and techniques in the course curriculum,
- Design a prototype of a service/system, and
- Analyse the design process and/or the design using concepts and theories from the curriculum.

You will need to describe and explain the design process and the methods and techniques used theoretically with concepts from the curriculum. The project work includes 3 mandatory assignments ("oblig"):

- A project plan
- A mid-term presentation
- A final project presentation

You will also write a project report, which will count 50 % of your final grade together with the final oral exam.

Although we want to put this up as a realistic project, it is important to emphasize that it is an exercise.

Main features of the task

The project work will mainly consist of the group's efforts to plan and execute experimental and participatory design. During the project work, you will learn to:

- Explain the basic principles of experimental and participatory design
- Apply basic tools and techniques for collaborating with users in the design process
- Provide a rich description of the use context and the user group
- Design a prototype together with users and evaluate it with them
- Analyse the design suggestion through theoretical concepts from the course and argue for your design choices
- Discuss ethical perspectives concerned with designing with users
- Plan and execute a use-oriented design process, with aims of achieving mutual learning

The project must result in at least one prototype of the design solutions that the project group has developed.

Plan for the group work

- Establish the group
- Choose the project topic
- Choose a target group for the design
- Choose the choice of focus
- Make a plan for your project work to be submitted as a mandatory assignment. A template for the project plan can be found attached to this document.
- Midterm presentation, each group presents the project for 15-20 minutes and receive feedback
- Develop one or more prototype(s)
- Write the project report to be submitted as part of the exam

Report

The report shall include the following:

- Introduction / Background and problem area

  A background to the problem area is described to give an introduction to why the group chose this specific problem. The background description leads to the project's problem area and objectives.

- Case and context

  The context that the project has been carried out in is described to provide an illustration of the application.

- The design process

  Describe the process and prototype(s): how the project was completed, which user groups participated, which methods and techniques you used, and the prototypes you worked with.

- Analysis and discussion

  Give an analysis of the design process and the results and discuss it with the help of concepts and theories from the curriculum.

- Individual reflections

  Each group member writes at least 1,5 pages of text, reflecting over the project and your experience, using the perspectives, approaches and methods included in the

curriculum, referencing some of the literature. (This will be handed in separately from the report itself, but with the same deadline.)

The report must be at least 12 pages (excluding images) of text font 12, single space, plus individual reflections.

Submit by Friday November 23rd at 23:59.

The project is mandatory. You must complete the project, and write and submit the report together with your group to take the oral exam.

See:

Guidelines for mandatory tasks:

https://www.uio.no/studier/eksamen/obligatoriske-aktiviteter/mn-ifi-oblig-retningslinjer.pdf

Guidelines against fraud:
http://www.uio.no/english/studies/examinations/cheating/index.html

Good luck!

Attachment

Template for the project plan IN5510 — fall 2018

The plan is a mandatory assignment in IN5510.

1. Area
A brief description of the theme for the project. Which area do you choose? What do you focus on?

2. Purpose
What will you find out, or address with the design?

3. Target group
What is your target group for the design? Who will be the future users?

4. Methods
Which techniques and methods will you use to reach your goal? Argue that they are fit for the purpose.

5. Plan
Plan for the project, with
      how you organize your project,
      milestones and responsibility,
      work or product breakdown, and
      progress diagram

The plan is primarily a means for you to start thinking about what to do in the project. The plan may be as long or short as you find useful as a basis for your work.

Deadline: Friday September 28th by e-mail to the course teachers:
guribv@ifi.uio.no, rebsaurus@ifi.uio.no

You will receive feedback on the plan on the following Friday (October 5th).