Course report Faculty of Technology and Society

This course report is based on student feedback and submitted course evaluations, exam results and the teacher's idea for further development. The course report is published on the course website and Canvas-site.

Course name	Capstone Project
Course code	DA624E
Semester	VT24
Number of registered students	7,5
Course coordinator	Patrik Berander

	Course report is published on Canvas-site
	Course report is published on course webpage

Compulsory course evaluation

Number of responses to the compulsory course evaluation	7

The compulsory course evaluation has been conducted through:

	Standard template via Reflex
	Extended standard template with *own questions* via Reflex
X	Own evaluation method by the course coordinator
If own evaluation method was conducted, describe how: In-class survey through Mentimeter in the end of the course followed by discussions.	

Additional evaluations that were conducted during the course

X	Separate survey
X	Oral evaluation in class
	Oral evaluation in smaller groups
	Other evaluation method
If other evaluation method was conducted, describe how:	

Comments on the course evaluations

7 out of 7 students answered the summative assessment in the end of the course. The students seem to be reasonably satisfied with the course, grading it at 7,7 (out of 10). This together with the fact that they appreciate the course as part of the program as well as that they would have studied the course if it would be elective further adds to the satisfaction. The students would however prefer it as a 15 credit course running at 100% pace, which aligns well with the changes planned for the future. The primary reason for this is that the course tend to be quite short and stressful when studying the course 5 weeks full time. As 1 week is devoted for starting up the course and one week for reflections, the time for the project is limited to 3 intense weeks (with some holidays part of this period as well).

Most comments on the course were actually related to other parts of the program, i.e. what tools the students bring into the course. To improve the project work for future courses, more focus could be put on financial calculations, ideation, how to get insights from user studies, as well as project planning. Most of these are related to DA620E and/or DA622E. They generally appreciate the opportunity to choose the project topics as well as team composition themselves, but there could be some example projects and/or external projects available as an alternative.

During the open-ended discussions, most focus was put on discussing the time expected from the participants. Several students though that the course (and the program) was too tough when it comes to the time expected from the participants. At the same time, the students put 26.3 hours per week in average (according to their own estimations), which aligns well with what they reported in their time reports. During the discussions, it was obvious that several try to balance work with studies, which may be a tough combination. While finding the time consumption high for the studies, they appreciated the fact that weekends normally are free (as deadlines are put on Fridays rather than Mondays) within the course and program. Although it was mentioned in the beginning of the course/program that 40 hours are expected, several did not remember this. For the future, we can be even more clear on this. It should also be noted that not everyone agreed that the schedule was too though, some thought it was reasonable considering the fact that studies at university is a full-time commitment.

The full result of the survey can be found at:
https://www.mentimeter.com/app/presentation/alz9prdew4msicz9j7abn5r7fzb5hbez

Examination results

X	Examination results are as expected
	Examination results are not as expected

Recommendations and priorities for the course development

For the next iteration of this course, the course will be extended to 15 credits, will be put on the fall semester, and will be co-read with the TASME program. Hence, the input given will be interpreted with that in mind.

First, the comments related to the program content will be considered. We will try to better incorporate financial calculations, ideation, user insights and project management into the program. Second, we will try to have a broader range of projects available, as a 15 credits course will give some added opportunities (e.g. having external clients). Third, a more structured approach with project planning and management could be considered (e.g. using weekly/bi-weekly retrospectives, project backlog, burndown charts, task management, etc. to make the projects better managed (and more clear on what to achieve during the week(s)).

Instructions

The instructions part of the course report is only intended as support for the course coordinator to create the course report and the pages below are to be removed before the publication of the report.

Course name refers to the complete course name as listed in the syllabus, e.g. *Computer Science: Research Methodology or Introduction to Programming and Embedded Systems.*

Course code refers to the identification code of the course, e.g. *DA350A or MT158A.*

Semester refers to the semester that is referenced in the course report, *e.g. Spring 20 or Autumn 19.*

Number of registered students refers to the number of registered students three weeks after the start of the course (meaning the number of registered students after early withdrawals).

Course coordinator refers to the name of the teacher who is the course coordinator and who is responsible for writing the course report. The names of other teachers who may have been involved in the implementation of the course and compilation of the course report are not stated in the report.

It must be registered in the course report that it is published on the course website and the current course's Canvas page. This is filled in by the person responsible for the publication of the report.

Course evaluation

Number of responses to compulsory course evaluation refers to the number of students who submitted a course evaluation or who actively participated if an alternative evaluation method was used (this section is to be filled in by the study administration if the course evaluation is carried out by the study administration via SSR).

Compulsory course evaluation has been conducted **through** refers to the approach that has been used for the course evaluation. The chosen approach is indicated by checking one of the three listed options — only one option should be checked:

• ***Standard template via SSR (Sunet Survey and Report):*** This is the template that is set up by the study administration unless the study administration for the course has been instructed otherwise. Check this option if you used the standard template via the study administration without making any adjustments.

• ***Extended standard template with own questions via SSR*****:** Check this option if you have extended the study administration's standard template with your own course-specific questions. The added questions do not need to be reported here. They are archived as part of the course evaluation.

• ***Own evaluation method by the course coordinator:*** Check this alternative if the course evaluation has not been carried out using one of the two alternatives above. The course evaluation has been set up by the course coordinator without the study administration. In this case, the course coordinator is also responsible for summarising and compiling the course evaluation. If the course coordinator has chosen their own method to conduct the course evaluation, the method must be described briefly. The specific questions do not need to be reported here but must be reported in the course evaluation summary which is done by the course coordinator. E.g. *The course evaluation has been conducted anonymously on paper in connection with presentations at the end of the course* or *The course evaluation has been conducted anonymously with Mentimeter in connection with the lecture in week 22.*

If any additional evaluations have been conducted, they are reported as described below. It is not necessary to carry out additional evaluations. If no additional evaluations have been conducted, this section is left blank.

Additional evaluations that were conducted during the course refers to any other organised evaluations aside from the compulsory course evaluation that might be included in the course report. ”Organised” in this case means that the evaluation has been announced to the students in advance, so that they know that an evaluation is

taking place and that they will have the opportunity to express their opinion at this occasion. This section does not refer to any spontaneous discussions with students or viewpoints given that may have taken place and that are included in the course report, instead this section only refers to any additional, formally organized evaluations, where students were given the opportunity to evaluate the course. There are four options — it is possible to check more than one option:

• ***Separate survey*** refers to whether one or more formally organised surveys have been conducted that involve some form of course evaluation. Surveys can be conducted digitally, via e.g. Canvas or Mentimeter, or by handing out paper surveys.

• ***Oral evaluation in class*** refers to whether there have been one or more formally organised opportunities for students to give oral feedback and/or to discuss their opinion on the course in the whole class.

• ***Oral evaluation in small groups*** refers to whether there have been one or more formally organised opportunities for students to give oral feedback and/or to discuss their opinion on the course in smaller groups than the whole class where each student has more space to express their opinions.

• ***Other evaluation method*** refers to any other formally organised evaluations that may have been carried out in another way than the three alternatives listed above. If so, the method needs to be described briefly.

Comments on the course evaluations means that the course coordinator must comment on the results of the course evaluations. The comments are aimed at current and future students on the course. The reader can be expected to have knowledge of the course's structure and organisation. It is therefore not necessary to explain the different course activities (or similar) in the comments section. Relevant things to comment on are, for example, whether there were any unexpected evaluation results or whether there are any results or occurring criticism that may need to be explained or put into context.

Examination results

Examination results refers to results from all types of examinations that have been conducted on the course (e.g. in-class exams, laboratory work, assignments, etc.). Indicate whether the examination results were overall as expected or not.

If some types of examinations differ greatly in how they turned out in relation to the expected result (for example, the expected number of students passed a written exam but only a very low number of students passed an assignment), then both options can be checked.

If the examination results deviate from what was expected, it must be commented on and indicated what reasons might be responsible for the deviation. Even in cases where the examination results are as expected, it might be necessary to comment if there are special aspects that need to be highlighted.

Recommendations and priorities for the course development

Briefly state which recommendations and priorities should be made for the upcoming course based on the results of the course evaluations and in relation to the examination results.