Course code: DD2417	Course name: Language Engineering	
Academic year: 2022-23	Period: 4	
Credits: *7.5*	Number of students: 60	Answer rate: 0.32
Examination rate: *0.79*	Learning activities: 9 pre-recorded video lectures, 4 coding help sessions via Zoom, 5*60 computer assignment presentations, 9 h project presentations	
Course modules and credits: Computer assignments 6hp, consisting of 4 programming assignments which are done individually. Mini-project (done in pairs): 1.5hp		
Teachers: Johan Boye, Viggo Kann TAs: Agnes Axelsson, Anna Deichler, Erik Ekstedt, Harm Lameris, Shivam Mehta, Alireza Mahmoudi Kamelabad		
Examiner: Johan Boye		
Course responsible: Johan Boye		

Results

60 students registered for the course this year, of whom 53 completed the whole course. In addition, 4 students completed the project but not the assignments.

Changes from previous years

- Some of the code skeletons were improved with more substantial comments.
- The project presentations were now moved into the exam and re-exam periods in late May and June, to make the project less stressful for the students.

Course questionnaire

Answers can be found here (link).

Strong points of the course

The courses continue to be appreciated, judging by the course survey. The ratings of the students that answered the questionnaire were:

- "I worked with interesting issues": 6.3 / 7
- "The course was challenging in a stimulating way": 5.8 / 7
- "I could practice and receive feedback without being graded": 5.1 / 7

- "The assessment on the course was fair and honest": 6.5 / 7
- "I was able to learn by discussing and collaborating with others": 4.7s / 7
- "I was able to get support if I needed it": 5.6 / 7

The video lectures seemed to have been appreciated, probably because they were pre-recorded and edited, which made them concise. The students seem to appreciate the practical, implementation-oriented design of the course. The Canvas discussion forum seems to work quite well as a place of information exchange: students were asking questions, and I was answering them (in some cases, also other students were answering questions, which is very nice to see).

Weak points of the course
- The lack of interactivity in the was perceived as a problem by many of students, which came out in the comments on the course questionnaire, and the relatively low score on the question "I was able to learn by discussing and collaborating with others"..
- Students with a lot of machine learning background will experience that this course repeats material they (should) know already. On the other hand, nobody actually complained about this. As long as the lectures consist of prerecorded videos, there is always the option of skipping videos or parts of videos that cover known material.

Changes for next year's edition
For next year, I will keep the video lectures, but in addition there will be 4 problem-solving and discussion seminars. One of these seminars will be an introduction to Pytorch, which was not covered very well in the lectures, although assignment 4 depended on Pytorch knowledge. If I have the time, I will add an extra assignment on transformers (and possibly swap out something else).

Course responsible: Johan Boye