

## 1, Domain description (Part A)

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Our domain is teaching at University. Our focus lies on students and teachers, and on the different tools and systems they use to support and organize their interaction. It follows a detailed description of this domain (inspired by the real-world, but simplified and cut off for the purpose of this lab).

On the one hand we have users such as students, teachers, administrators, and on the other hand we have a number of systems that interact with one another and that the users interact with. PingPong is a system supporting the processes of teaching and learning, and communication between students and teachers. Teachers upload on PingPong material such as study guides, exercises, lab assignment instructions, lecture material. Students retrieve this material from PingPong. Teachers create on PingPong assignments for the students. Students submit their solutions for assignments on PingPong, where teachers retrieve submissions and give feedback via PingPong. There are two exam systems for digital exams: either PingPong as well, or Inspira. Teachers create digital exams, students can sit digital exams and submit their solutions via the exam system. Teachers can retrieve students' solutions for exams and give feedback via the exam system. Grades for exams and other examination elements are entered by the teachers into the system Ladok. This is only possible, however, if administrators have made a course and its examination

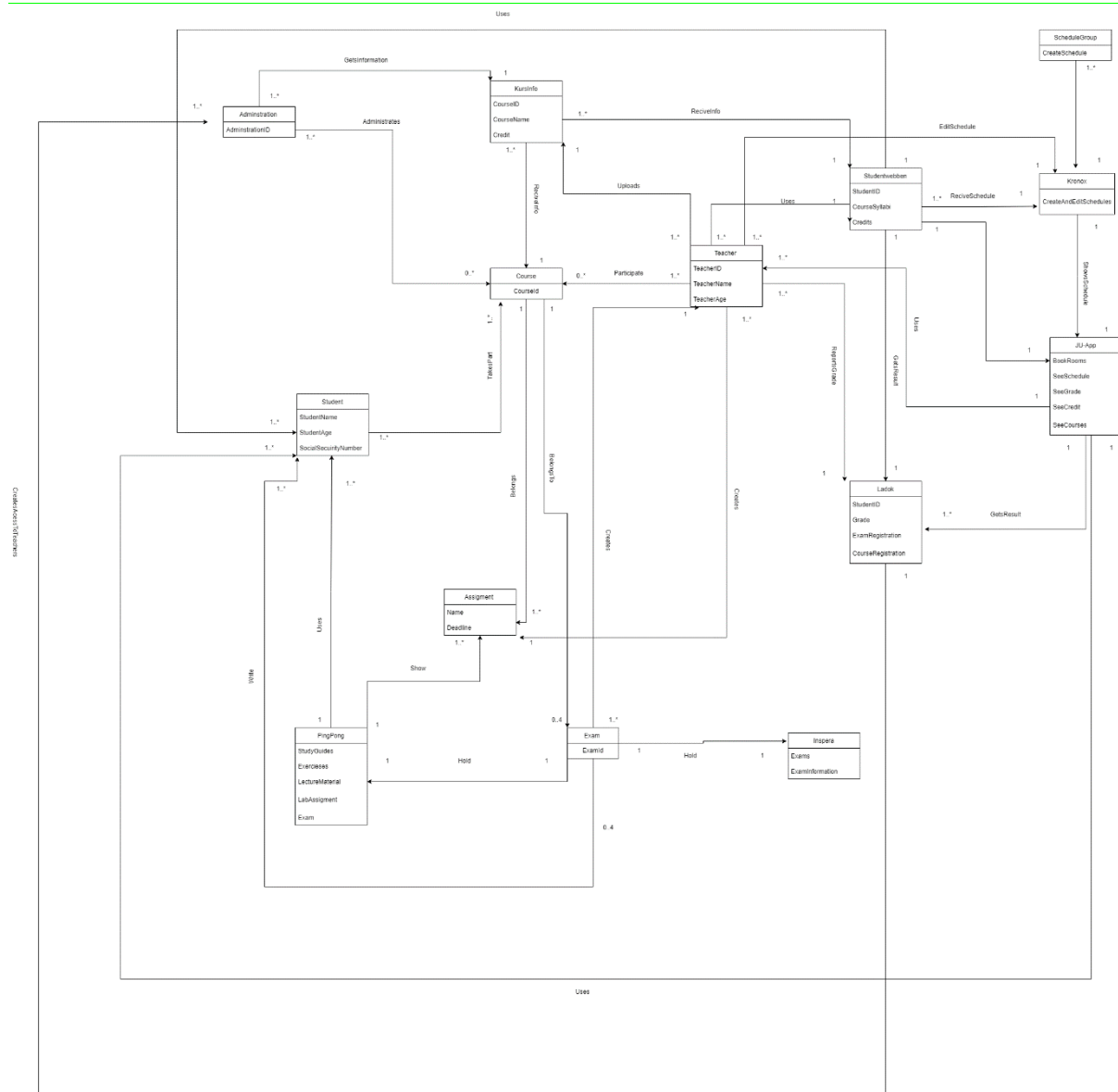
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elements available for the teachers in the Ladok system. The administrators take the information about a course's examination elements from the system Kursinfo. It is the teachers who specify courses and their examination elements by creating course syllabi (kurs plan) and uploading this information to Kursinfo. A schedule group prepares the schedules for courses in the system Kronox. Teachers can also edit the schedule in Kronox. A mobile application JU-App is used by students and teachers. JU-App extracts schedule information from Kronox and information about grades and credits from Ladok in order to present it to the user in a readable manner. Students use the system Studentwebben (Current student) in order to view the schedule (extracted from Kronox), information about grades and credits (extracted from Ladok) and to get the course syllabi (extracted from Kursinfo).

## 2, Your task (part A)

Do a noun analysis: identify potential conceptual classes. Decide which concepts should be present in your model.

Conceptual Class Category	Example
Systems used	Pingpong, Inspira, Ladok, Kronox, JU-App, studentwebben
Material	Study guides, exercises, lab assignment instructions, lecture material, schedule, course syllabi, information about credits and grades
Results	Grades, credits, exams, assignments
Role of people or organisation related to a the	Students, teachers and administration
Places	University



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