

## Lab 2

### *Part A*

1.

#### **Users Classes:**

- Student
- Teacher
- Administrator
- Schedule group

#### **System Classes:**

- PingPong
- Inspira
- Ladok
- Kursinfo
- Kronox
- JU-App
- StudentWebben

2.

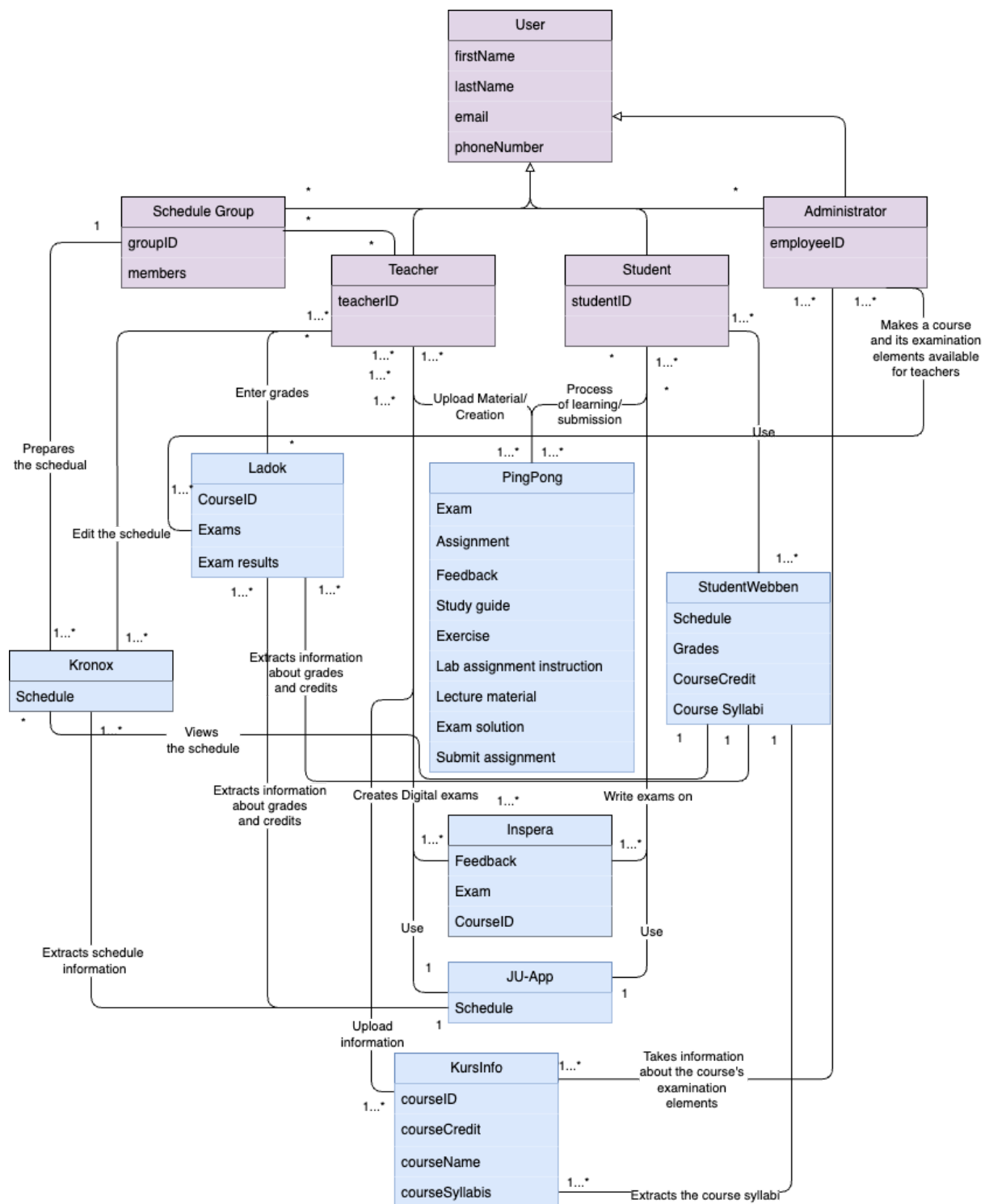
#### **Users Classes:**

- Student:
  - firstName, lastName, StudentID, Email, phoneNumber
- Teacher:
  - firstName, lastName, teacherID, Email, phoneNumber
- Administrator:
  - firstName, lastName, employeeID, Email, phoneNumber
- Schedule group
  - Members, GroupID

#### **System Classes:**

- PingPong:
  - Exams, Assignment, feedback, study guides, exercises, lab assignment instruction, lecture material, exam solution, submit assignment
- Inspira:
  - Feedback, Exam, CourseID
- Ladok:
  - CourseID, exams, Exam result
- Kursinfo:
  - CourseID, courseCredit, courseName, courseSyllabis
- Kronox:
  - schedule
- JU-App:
  - schedule
- StudentWebben:
  - schedule

3.



I think the core of the system is the teacher. The teacher is the class who has the most connected associations/ links.

The teacher is constantly doing things like creating new exams, new assignments, uploading materials, retrieving submission and giving feedback, creates the course syllabi, enters the grades into ladok and edit the schedule. So the system depends a lot on the teacher, so it will be smart to start the design with the teacher.

## Part B

