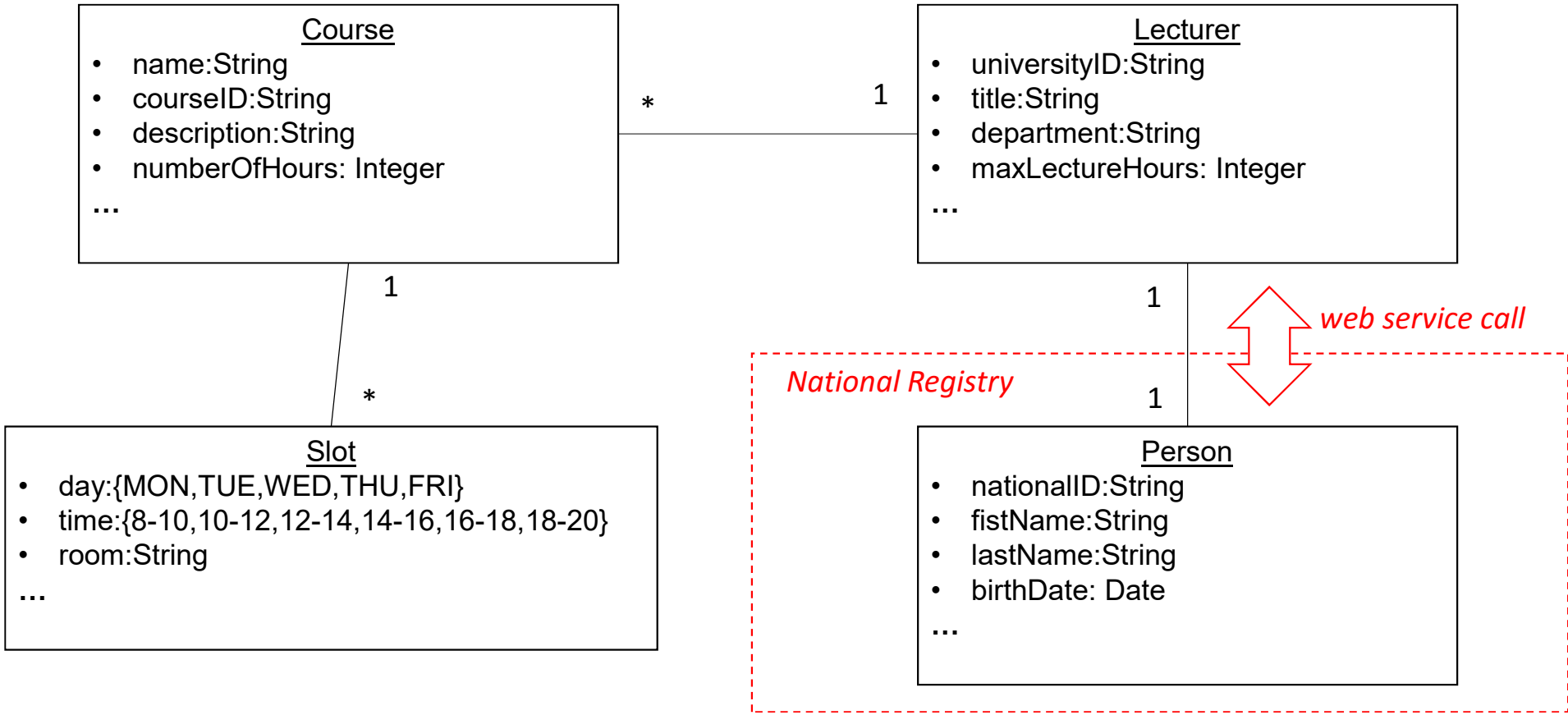
IDU0404
Group Task

19 Oct – 14th Dec

Task Description

- design/implement a system with the minimal data model (slide 3) and the minimal functionality (slide 4) as discussed; voluntarily implement more data/functionality/constraints or a different application domain (webshop, Facebook 2.0,…) if you want to increase your chance to win the trophy (slide 5) in democratic elections on 14th Dec.
- **The application is about the courses of a single study program in a single semester.**
- There is no single correct solution, i.e., there are many different options to design/structure the required functionality (input capabilities/reports). It is your design space.
- The main application encompasses the tables of courses, slots and lecturers. The remote database (web service access) holds the person data. It is recommended to implement all tables (including person data) via direct access first and migrate the person data to a web service as a last step.
- It is recommended to join the Mondays' meetings/exercises to work on the applications.
- In case of questions coming up don't hesitate: Dirk.Draheim@ttu.ee

(Minimal) UML Data Model



(Minimal) Requirements / Functionality

- Input Capabilities
  - For all data of the data model (courses with slots; lecturers with person data)
- Reports
  - Overall Timetable
  - Course details per course
- Constraints (Business Logic)
  - There must be only one course per slot

The Trophy for Best Application