




# EasyGradeManager

Web Centric Development 2019/20  
Carolina Faria & Kian Schmalenbach

# General Idea

- **EasyGradeManager** is a server-client based web application which stores data about the assignments and marks in a central database.
- Also provides user interfaces for teachers and tutors as well as for students to access and manipulate the data.

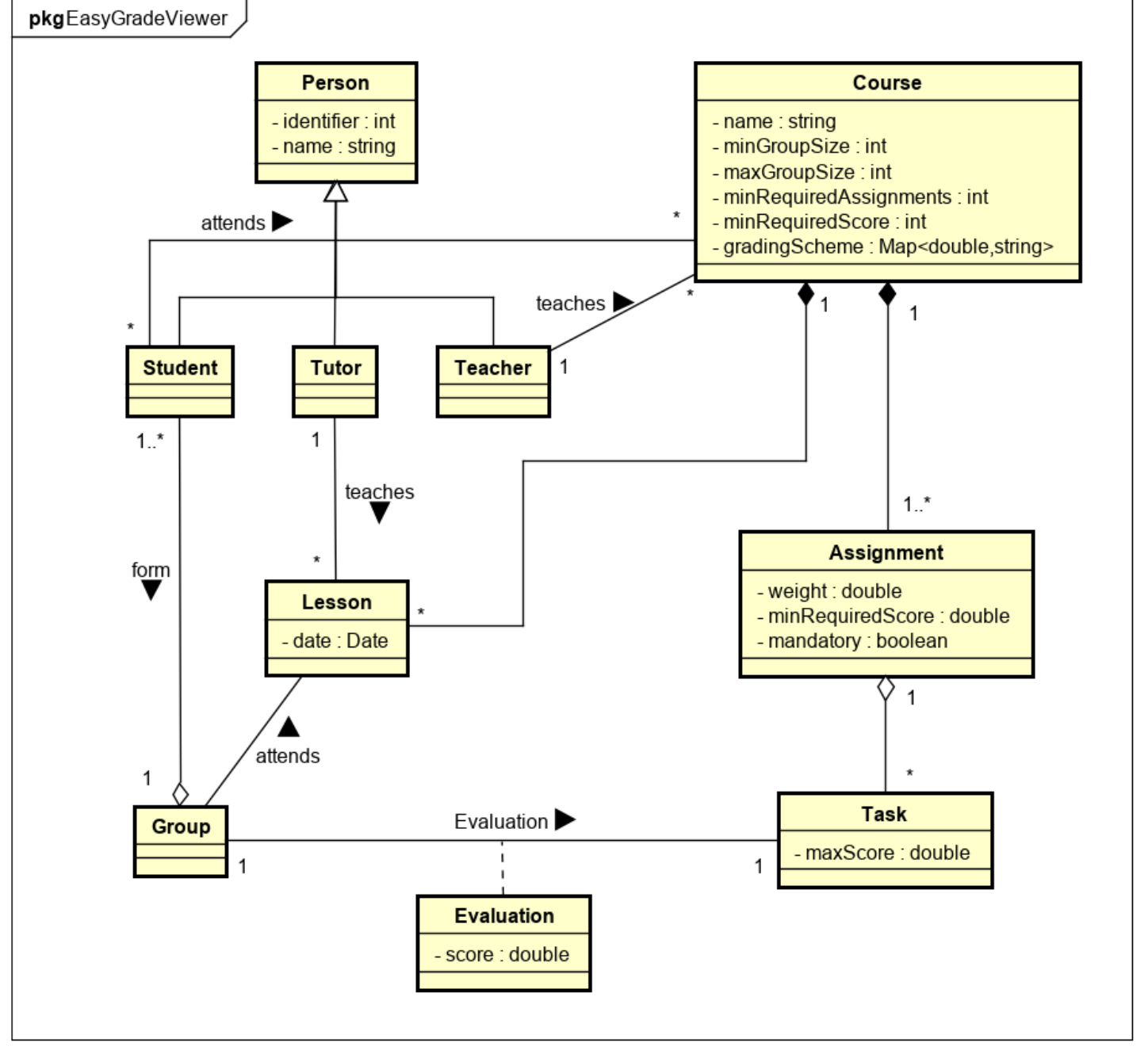
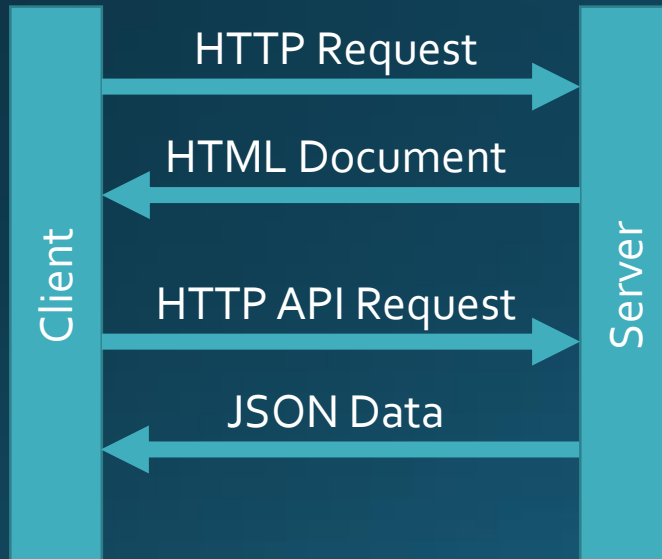
# Scenario

- Information might be lost if something happens to the paper or spreadsheets.  • Information is safely stored in a central database, so it's highly unlikely to get lost.
- Students' requests must be answered manually.  • Students can obtain all the information by logging on to the system.
- In the case of several tutors, the collected data needs to be assembled and merged manually.  • Manual merge of data is not required since it's already stored in a central database.

# Basic Functionalities

- **Teacher:** creates entries for classes and tutors, assigns her/his students to those and defines the evaluation criteria for the classes.
- **Tutor:** evaluates and grades their students' performance, can then inputs the corresponding data, allowing the teacher to conduct the final grading at the end of the course.
- **Student:** creates student groups (in the case of teamwork), observes their learning progress and see their final evaluation.

# Data Model & Architecture



## EasyGradeManager

### My Profile

**User ID:** acooper  
**Name:** Dr. Alice Cooper  
**Email:** alice.cooper@example.org

Delete

Edit

### User Role Management

*User Role Management enables you to grant Tutor or Teacher roles to existing users. Note that granting rights to users is an irrevocable action.*

Edit User Role

### My Taught Courses

#### Current Term

- Software Engineering (Winter Term 2019/20)

Course Name

Course Term

+ Add Course

### My Tutored Courses

#### Current Term

- Software Engineering (Winter Term 2019/20)

### My Attended Courses

EasyGradeManager

Demo

# Known Issues...

- The Teacher cannot define custom Grading Schemes.
- Some more validation could be beneficial:
  - Is a Teacher allowed to attend his/her own course?
  - Is a Tutor allowed to grade his/her own exam?
- Some more access control could also be beneficial:
  - Currently, any person who has access to the system can create an account and join a course.

# Questions?

*Thank you for your attention!*

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