




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.

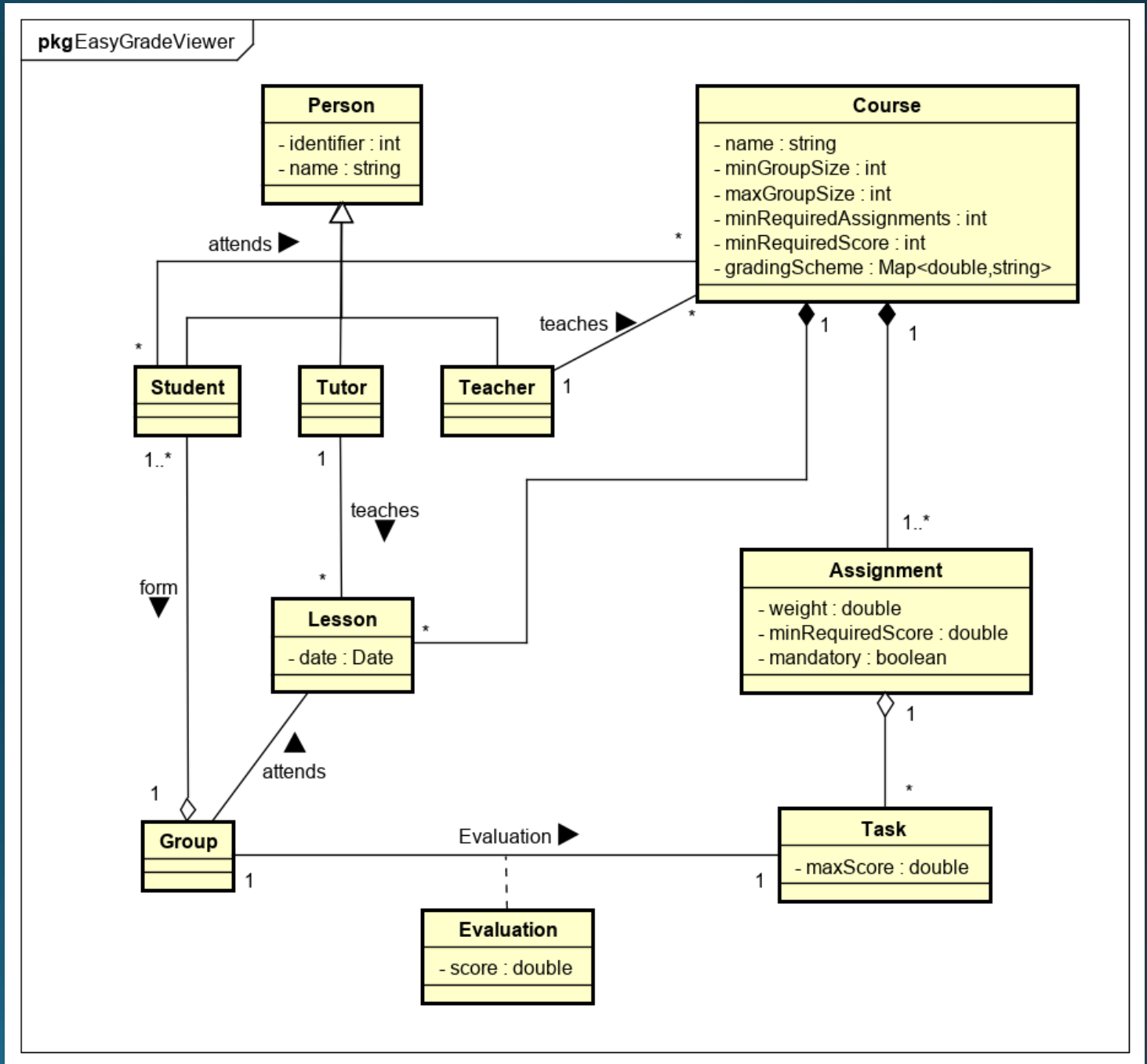
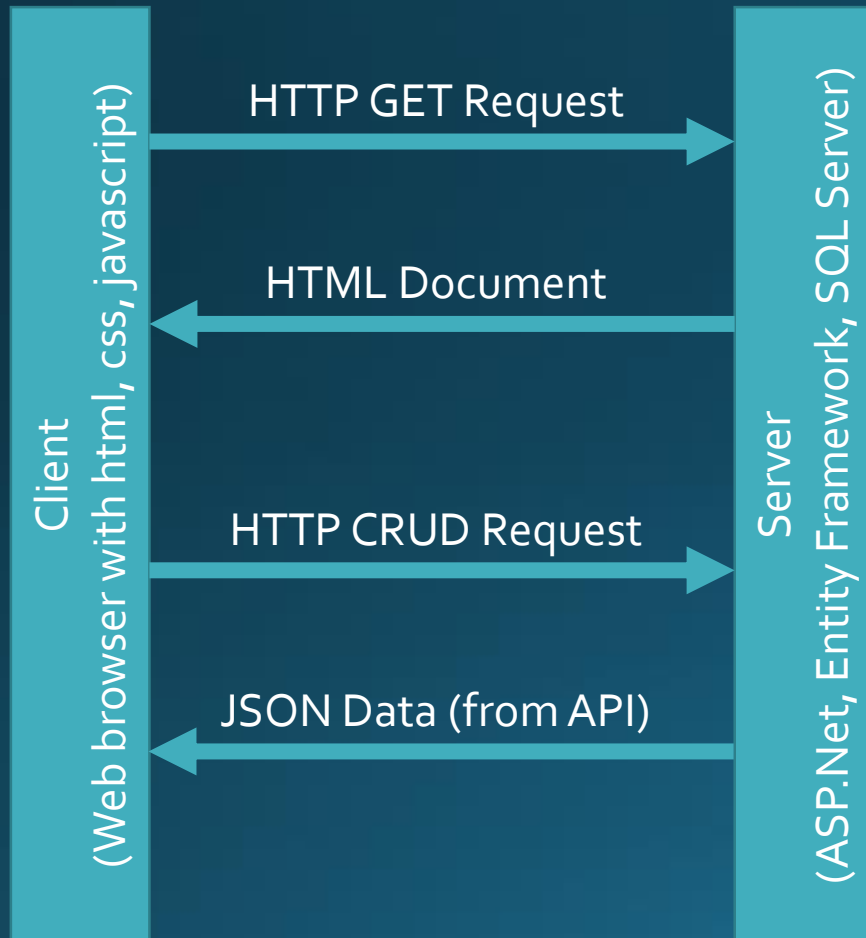
Scenario

- 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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