

Grade system

Functional requirements

- Login as Teacher
- Login as Student
- Login as Administrator
- Administrator determines the exam date
- Teacher fills in grade of students
- Teacher can comment students' grade
- Student checks all grades
- Student checks grade for specific exam
- Student could see both Danish grade and ECTS grade

Non Functional requirements

Testability:

Fully tested

Usability:

User friendly

Scalability:

Easily available

Performance:

Should perform well on low requirement systems.

Cost:

Low cost

Security:

Secured against all kind of threats

User stories

- As a Student, I want to have an overview of all the grades I have received
- As a Teacher, I want to fill in the grades of all the examinations that I have checked
- As a Teacher, I want to be able to comment about my decision of a grade
- As a Student, I want to check the grade of a specific exam
- As an (International) Student, I want to be able to see my ECTS grade(s)
- As an Administrator, I want to add an exam for a specific class
- As an Administrator, I want to edit the date of an exam.
- As an Administrator, I want to delete an exam.
- As an Administrator and Teacher, I want to be able to mark a student that he passed or failed an exam.

As an Administrator I want to be able to add re-exam dates for the students who failed.

As a Student, I want to see my exam dates.

Entities

User
Teacher
Student
Administrator
Class
Exam

Tests

Grade conversion
Grade is Danish grade
Exam date is valid (YYYY/MM/DD)
Added exam is only accessible for the specific class
Student can't see other students grades
Only teachers can modify grades
Only Administrator can modify exam dates
The format of Student email is "`\w{4}\d{4}@stud\.\kea\.\dk`"
The format of Teacher email is "`\w{4}@kea\.\dk`"