

LMS

Course

- id: **String**
- name: **String**
- description: **String**
- isFree: **boolean**
- price: **double**
- rating: **double**
- startAt: **LocalDate**
- endAt: **LocalDate**

- + getAllCourses(): **List<Course>**
- + createCourse(): **boolean**
- + updateCourse(): **boolean**
- + deleteCourse(): **boolean**
- + findCoursesByType(): **List<Course>**
- + findSimilarCourses(): **List<Course>**
- + changePaymentType(): **Course**
- + addRating(): **boolean**
- + getAverageRating(): **double**

Quiz

- id: **String**
- title: **String**
- description: **String**
- maxScore: **double**
- questions: **List<Question>**
- startDate: **LocalDateTime**
- endDate: **LocalDateTime**
- isEnd: **boolean**

- + getQuizzes(): **List<Course>**
- + createQuiz(): **boolean**
- + updateQuiz(): **boolean**
- + deleteQuiz(): **boolean**
- + getQuestions(): **List<Question>**
- + addQuestion(): **List<Question>**
- + updateQuestion(): **boolean**
- + deleteQuestion(): **boolean**
- + getQuestionsByLevel(): **List<Question>**
- + isEnd(): **boolean**

Question

- id: **String**
- level: **String**
- question: **String**