usecases::Main

User
(from user)

-firstName: String
-lastName: String
-email: String
-login: String
-password: String

+*getPermission(): Permission*

«enumeration»
Permission
(from user)

TEACHER
STUDENT

Teacher
(from user)

Student
(from user)

classes::Work

Chapter
(from lesson)

1..*

1..*

Worksheet
(from work)

-type: SheetType
-title: String
-published: Boolean
-maxRenderingSubmission: Integer
-dateCreation: Timestamp
-datePublication: Timestamp
-dateClosure: Timestamp

+getTotalScale(): Float

Teacher
(from user)

1..1   1..*

«enumeration»
SheetType
(from work)

TUTORIAL
REVISION
EXAM

1..*

Exercise
(from work)

-number: Integer
-subject: String
-scale: Float

Exercise
(from work)

-number: Integer
-subject: String
-scale: Float

MCQExercise
(from work)

FRQExercise
(from work)

-answerFormat: String

ProgramExercise
(from work)

OpenExercise
(from work)

-answerLimit: Integer
-correctionType: CorrectionType

RevisionExercise
(from work)

-type: RevisionType

2..*

AnswerOption
(from work)

-scalePoint: Float

1..*

File

«enumeration»
CorrectionType
(from work)

TEACHER
PEER

«enumeration»
RevisionType
(from work)

REPORT
PROJECT

classes::Rendering

Worksheet
(from work)

-type: SheetType
-title: String
-published: Boolean
-maxRenderingSubmission: Integer
-dateCreation: Timestamp
-datePublication: Timestamp
-dateClosure: Timestamp

+getTotalScale(): Float

Rendering
(from work)

-countSubmission: Integer
-dateSubmission: Timestamp
-dateSendingCorrection: Timestamp

+getTotalScore(): Float

Student
(from user)

+worker

1..1   0..*

1..*   1..1

Exercise
(from work)

-number: Integer
-subject: String
-scale: Float

1..*

1..1   0..*

0..*

Result
(from work)

-corrected: Boolean
-score: Float
-judgement: String
-dateCorrection: Timestamp

User
(from user)

-firstName: String
-lastName: String
-email: String
-login: String
-password: String

+*getPermission(): Permission*

1..1   +examiner

0..*

MCQResult
(from work)

FRQResult
(from work)

-answer: String

ProgramResult
(from work)

RevisionResult
(from work)

OpenResult
(from work)

-answer: String

0..*

0..1   +answer

AnswerOption
(from work)

-scalePoint: Float

+examiner   1..1

Teacher
(from user)

1..*

+answer

0..1

File

+answer   0..*