«Enum»
ModuleDifficulty

+ BASIC
+ INTERMEDIATE
+ ADVANCED

«Role»
Developer

+ degree: String {NotBlank, Length(1,75)}
+ specialisation: String {NotBlank, Length(1,100)}
+ skills: String {NotBlank, Length(1,100)}
+ email: String {NotNull, Email}
+ link: String {URL}

«Form»
DeveloperDashboard

+ trainingModulesWithUpdateMoment: int
+ trainingSessionsWithLink: int
+ averageTimeOfTrainingModules: Double
+ deviationTimeOfTrainingModules: Double
+ minimumTimeOfTrainingModules: Double
+ maximumTimeOfTrainingModules: Double

«Entity»
Module

+ code: String {Unique, NotBlank, Pattern("[A-Z]{1,3}-[0-9]{3}")}
+ creationMoment: Date {NotNull, Past, Temporal(TIMESTAMP}
+ details: String {NotBlank, Length(1, 100)}
+ difficultyLevel: ModuleDifficulty
+ updateMoment:{Past, Temporal(TIMESTAMP)}
+ link: String {URL}
+ totalTime: Integer{NotNull, Min(1)}

Update Moment must
be after Creation Moment

related to
*   1

«Entity»
Project

1..*

«Entity»
Session

+ code: String {Unique, NotBlank, Pattern("TS-[A-Z]{1,3}-[0-9]{3}")}
+ fechaInicio: Date {NotNull, Past, Temporal(TIMESTAMP)}
+ fechaFinal: Date {NotNull, Past, Temporal(TIMESTAMP)}
+ location: String {NotBlank, Length(1, 75)}
+ instructor: String {NotBlank, Length(1, 75)}
+ email: String {NotNull, Email}
+ link: String {URL}

Fecha Inicio must be at least
one week ahead the training
module creation moment

Fecha Final must be at least
one week ahead Fecha
Final