«Role» Auditor
firm: String (Not Blank, Max Length: 75)
professionalId: String (Not Blank, Max Length: 25)
certifications: String (Not Blank, Max Length: 100)
link: String (Url)

«Role» Developer
degree: String (Not Blank, Max Length: 75)
specialisation: String (Not Blank, Max Length: 100)
skills: String (Not Blank, Max Length: 100)
email: String (Not Blank, Email)
link: String (Url)

«Role» Client
identification: String (Pattern "CLI-[0-9]{4}", Not Blank, Unique)
companyName: String (Not Blank, Max Length: 75)
type: Enum (Not Blank) ("Company", "Individual")
email: String (Not Blank, Email)
link: String (Url)

«Form» Manger Dashboard
\totalMustUserStories: int
\totalShouldUserStories: int
\totalNumberOfMustStories: int
\totalCouldUserStories: int
\totalWontUserStories: double
\averageEstimatedCostOfUserStories: double
\deviationOfEstimatedCostOfUserStories: int
\minimumEstimatedCostOfUserStories: int
\maximumEstimatedCostOfUserStories: double
\averageCostOfProjects: double
\deviationOfCostOfProjects: double
\minimumCostOfProjects: int
\maximumCostOfProjects: int

«Form» Developer Dashboard
\totalTrainingModulesWithUpdateMoment:int
\totalTrainingSessionsWithLink: int
\averageTrainingModuleTime: double
\deviationTrainingModuleTime: double
\minimumTrainingModuleTime: int
\maximumTrainingModuleTime: int

«Form» Client Dashboard
\totalNumberProgressLogsRateLess25: int
\totalNumberProgressLogsRateBetween25And50: int
\totalNumberProgressLogsRateBetween50And75: int
\totalNumberProgressLogsRateMoreThan75: int
\averageBudgetOfContracts: double
\deviationBudgetOfContracts: int
\minimumBudgetOfContracts: int
\maximumBudgetOfContracts: int

«Form» Auditor Dashboard
\totalStaticCodeAudits: int
\totalDynamicCodeAudits: int
\averageNumberOfAuditRecords: double
\deviationNumberOfAuditRecords: double
\minimumNumberOfAuditRecords: int
\maximumNumberOfAuditRecords: int
\averagePeriodInAuditRecords: double
\deviationPeriodInAuditRecords: double
\minimumPeriodInAuditRecords: int
\mwximumPeriodInAuditRecords: int

«Form» Administrator Dashboard
\totalNumberOfPrincipalsWithEachRole: int
\ratioNoticesWithEmailAndLink: double
\ratioCriticalObjectives: double
\ratioNonCriticalObjectives: double
\averageRiskValue: double
\minimumRiskValue: double
\maximumRiskValue: double
\standardDeviationRiskValue: double
\averageClaimsPosted: double
\minimumClaimsPosted: double
\maximumClaimsPosted: double
\standardDeviationClaimsPosted: double

«Entity» Notice
instantiationMoment: Date (NotNull, TimeStamp, Past)
title: String (Not Blank, Max Length: 75)
author: String (Not Blank, Computed: username - surname, name)
message: String (Not Blank, Max Length: 100)
emailAddress: String (Email)
link: String (Url)

«Entity» Claim
code: String (Pattern: "C-[0-9]{4}", Not Blank, Unique)
instantiationMoment: Date (NotNull, TimeStamp, Past)
heading: String (Not Blank, Max Length: 75)
description: String (Not Blank, Max Length: 100)
department: String (Not Blank, Max Length: 100)
emailAddress: String (Email)
link: String (Url)

«Entity» Banner
instantiation/updateMoment: Date (NotNull, TimeStamp, Past)
periodInit: Date (NotNull, TimeStamp)
periodEnd: Date (NotNull, TimeStamp)
picture: String (Url, NotNull)
slogan: String (Not Blank, Max Length: 75)
link: String (Url, NotNull)
\period: Date (periodEnd - periodInit)

«Entity» Audit Records
code: String (Pattern "AU-[0-9]{4}-[0-9]{3}", Not Blank, Unique)
periodInit: Date(NotNull, TimeStamp, Past)
periodEnd: Date(NotNull, TimeStamp, Past)
mark: Enum ("A+", "A", "B", "C", "F", "F-")
link: String (Url, Optional)
\period: Date (periodEnd - periodInit)

«Entity» Code Audits
code: String (Pattern "[A-Z]{1,3}-[0-9]{3}", Not Blank, Unique)
executionDate: Date (NotNull, TipeStamp, Past)
type: Enum ("Static", "Dynamic")
correctiveActions: String (Not Blank, Max Length: 100)
\mark: String (Mode of records marks)
link: String (Url)

«Entity» Objective
instantiationMoment: Date (NotNull, TimeStamp, Past)
title: String (Not Blank, Max Length: 75)
description: String (Not Blank, Max Length: 100)
priority: Enum ("Low", "Medium", "High"),(NotNull)
criticalStatus: boolean
initDuration: Date (NotNull,TimeStamp)
endDuration: Date (NotNull,TimeStamp)
\duration: Date (endDuration - initDuration, Must start after Instantiation Moment)
link: String (Url)

«Entity» Risk
reference: String (Pattern "R-[0-9]{3}", Not Blank, Unique)
date: (NotNull, TimeStamp)
impact: Double (NotNull, Positive)
probability: Double (NotNull, PositiveOrZero)
\value: Double (Result of Impact * Probability)
description: String (Not Blank, Max Length: 100)
link: String (Url)

«Entity» Project
code: String(Pattern "[A-Z]{3}-[0-9]{4}", Not blank, Unique)
title: String(Not Blank,Max Length: 75)
abstractText: String(Not Blank,Max Length: 100)
hasFatalErrosrs: boolean
cost:Money(NotNull)
link: String (Url)

assosiated to

«Entity» Contract
code: String (Pattern "[A-Z]{1,3}-[0-9]{3}", Not Blank, Unique)
moment: Date (NotNull, TimeStamp, Past)
providerName: String (Not Blank, Max Length: 75)
customerName: String (Not Blank, Max Length: 75)
goals:String(Not Blank, Max Length: 100)
budget: Money (<= Project.cost)

«Role» Manager
degree: String (Not Blank, Max Length: 75)
overview: String (Not Blank, Max Length: 100)
certifications: String (Not Blank, Max Length: 1
link: String (Url)

«Entity» Assifment

«Entity» Progress Log
recordId: String (Pattern "PG-[A-Z]{1,2}-[0-9]{4}", Not Blank, Unique)
completeness: double (Positive)
comment: String (Not Blank, Max Length: 100)
registrationMoment: Date (NotNull, TimeStamp , Past)
responsiblePerson: String (Not Blank, Max Length: 75)

«Entity» User Story
title: String(Not Blank,Max Length: 75)
description: String(Not Blank,Max Length: 100)
cost: int (Positive)
acceptanceCriteria: String (Not Blank,Max Length: 100)
priority: Enum ("Must", "Should", "Could", "Won't"), (NotNull)
optionalLink: String (Url)

«Entity» Sponsorships
code: String (Pattern "[A-Z]{1,3}-[0-9]{3}", Not Blank, Unique)
moment: Date (TimeStamp, Past)
duration: Date (TimeStamp, > moment + 1 month)
amount: Money (Positive)
type: Enum ("Financial" or "In kind"),(NotNull)
email: String (Email)
link: String (Url)

«Entity» Invoices
code: String (Pattern "IN-[0-9]{4}-[0-9]{4}", Not Blank, Unique)
registrationTime: Date (NotNull, TimeStamp, Past)
dueDate: Date (NotNull, > RegistrationTime + 1 month)
quantity: Integer (NotNull, Positive)
tax: Integer (NotNull, Positive)
\totalAmount: Integer (NotNull, quantity * tax)
link: String (Url)

«Entity» Training Module
code: String (Pattern "[A-Z]{1,3}-[0-9]{3}", Not Blank, Unique)
creationMoment: Date (NotNull, TimeStamp, Past)
details: String (Not Blank, Max Length: 100)
dificulty: Enum ("Basic", "Intermediate", "Advanced"), (NotNull)
updateMoment: Date (TimeStamp, Past, > creationMoment)
link: String (Url)
totalTime: (NotNull, Positive)

«Entity» Training Session
code: String (Pattern "TS-[A-Z]{1,3}-[0-9]{3}", Not Blank, Unique)
iniDate: Date (NotNull, TimeStamp)
finalDate: Date (NotNull, TimeStamp)
location: String(Not Blank, Max Length: 75)
instructor: String(Not Blank, Max Length: 75)
contactEmail: String (NotNull, Url)
link: String (Url, Optional)
\period: Date (finalDate - iniDate)

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