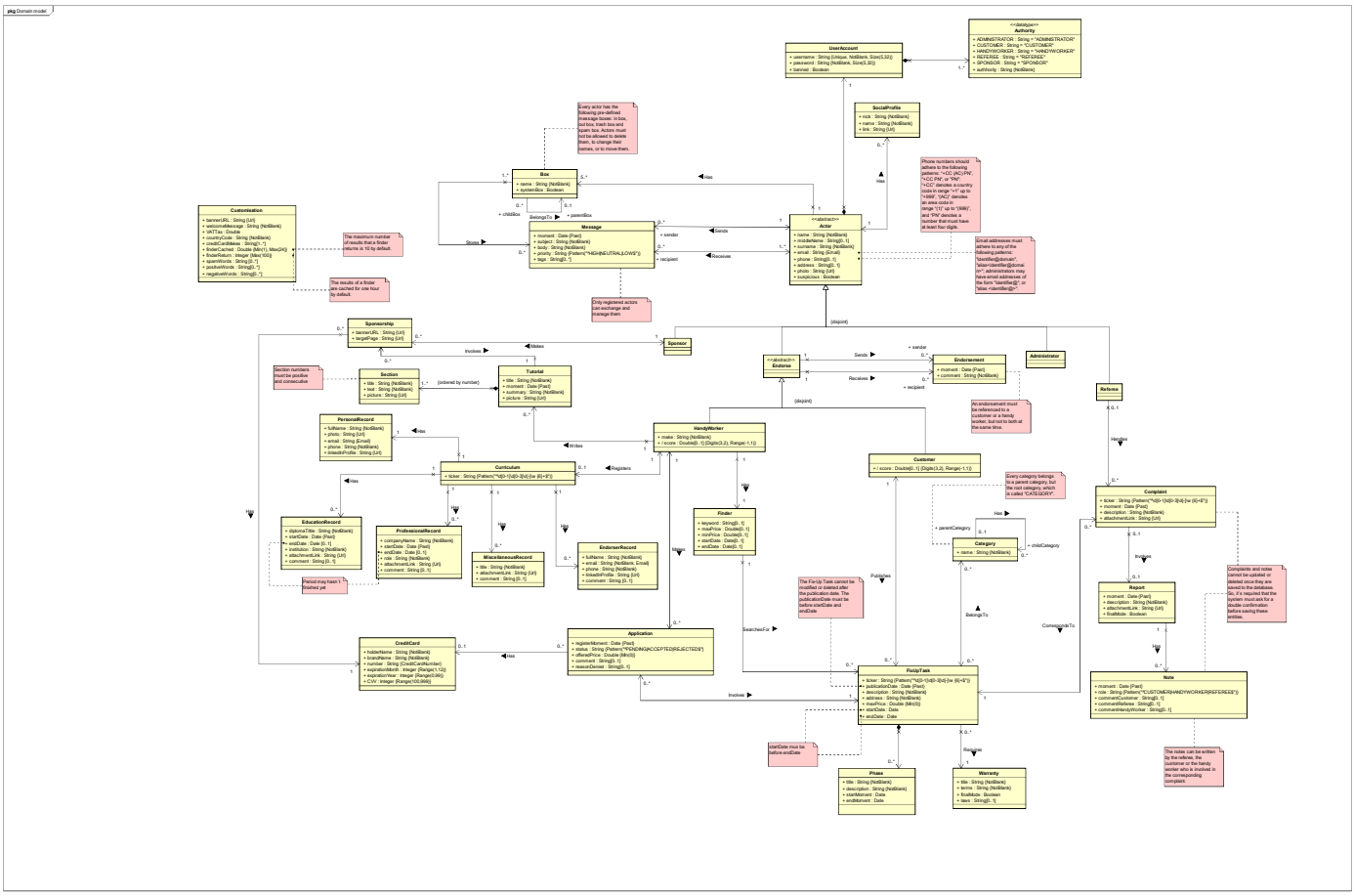
pkg Domain model
UserAccount
+ username : String [Unique, NotBlank, Size(5,32)]
+ password : String [NotBlank, Size(5,32)]
+ banned : Boolean
<<datatype>>
Authority
+ ADMINISTRATOR : String = "ADMINISTRATOR"
+ CUSTOMER : String = "CUSTOMER"
+ HANDYWORKER : String = "HANDYWORKER"
+ REFEREE : String = "REFEREE"
+ SPONSOR : String = "SPONSOR"
+ authority : String [NotBlank]
SocialProfile
+ nick : String [NotBlank]
+ name : String [NotBlank]
+ link : String [Url]
Every actor has the following pre-defined message boxes: in box, out box, trash box and spam box. The actor must not be allowed to delete them, to change their names, or to move them.
Box
+ name : String [NotBlank]
+ systemBox : Boolean
Has
Phone numbers should adhere to the following patterns: "+CC_AC_PN", "+CC_PN", or "PN". "CC" denotes the country code in range "+1" up to "+999", "AC" denotes an area code in range "(1)" up to "(999)", and "PN" denotes a number that must have at least four digits.
Customization
+ bannerURL : String [Url]
+ welcomeMessage : String [NotBlank]
+ VATTax : Double
+ countryCode : String [NotBlank]
+ creditCardMake : String[0..*]
+ finderCached : Double [Min(1), Max(24)]
+ finderReturn : Integer [Max(100)]
+ spamWords : String [0..*]
+ positiveWords : String[0..*]
+ negativeWords : String[0..*]
The maximum number of results that a finder returns is 10 by default.
The results of a finder are cached for one hour by default.
+ childBox
BelongsTo
+ parentBox
Stores
Message
+ moment : Date [Past]
+ subject : String [NotBlank]
+ body : String [NotBlank]
+ priority : String [Pattern("^(HIGH|NEUTRAL|LOW)$")]
+ tags : String[0..*]
+ sender
+ recipient
Sends
Receives
<<abstract>>
Actor
+ name : String [NotBlank]
+ surnames : String [NotBlank]
+ nickname : String [NotBlank]
+ email : String [Email]
+ phone : String[0..1]
+ address : String[0..1]
+ photo : String [Url]
+ suspicious : Boolean
Email addresses must adhere to any of the following patterns: "identifier@domain", "alias<identifier@domain>", administrators may have email addresses of the form "identifier@", or "alias <identifier@>"
Only registered actors can exchange and change them.
Sponsorship
+ bannerURL : String [Url]
+ targetPage : String [Url]
Sponsor
(disjoint)
Invoices
Makes
Section numbers must be positive and consecutive
Section
+ title : String [NotBlank]
+ text : String [NotBlank]
+ picture : String [Url]
(ordered by number)
Tutorial
+ title : String [NotBlank]
+ moment : Date [Past]
+ summary : String [NotBlank]
+ picture : String [Url]
<<abstract>>
Endorse
Sends
Receives
+ sender
+ recipient
Endorsement
+ moment : Date [Past]
+ comment : String [NotBlank]
Administrator
Referee
An endorsement must be referenced to a customer or a handy worker, but not to both at the same time.
Handles
PersonalRecord
+ fullname : String [NotBlank]
+ photo : String [Url]
+ email : String [Email]
+ phone : String [NotBlank]
+ linkedInProfile : String [Url]
Has
HandyWorker
+ make : String [NotBlank]
+ r.score : Double[0..1] [Digits(3,2), Range(-1,1)]
Writes
Curriculum
+ ticker : String [Pattern("^[0-1]{4}[0-3]{4}[a-z]{4}[0-9]{3}")]
Registers
Customer
+ r.score : Double[0..1] [Digits(3,2), Range(-1,1)]
Every category belongs to a parent category, but the root category, which is called "CATEGORY".
Has
EducationRecord
+ diplomaTitle : String [NotBlank]
+ startDate : Date [Past]
+ endDate : Date [0..1]
+ institution : String [NotBlank]
+ attachmentLink : String [Url]
+ comment : String [0..1]
Period may have not finished yet
ProfessionalRecord
+ companyName : String [NotBlank]
+ startDate : Date [Past]
+ endDate : Date [0..1]
+ role : String [NotBlank]
+ attachmentLink : String [Url]
+ comment : String [0..1]
MiscellaneousRecord
+ title : String [NotBlank]
+ attachmentLink : String [Url]
+ comment : String [0..1]
EndorserRecord
+ fullname : String [NotBlank]
+ email : String [NotBlank, Email]
+ phone : String [NotBlank]
+ linkedProfile : String [Url]
+ comment : String [0..1]
Finder
+ keyword : String[0..1]
+ minPrice : Double[0..1]
+ maxPrice : Double[0..1]
+ startDate : Date[0..1]
+ endDate : Date[0..1]
Manages
+ parentCategory
+ childCategory
Category
+ name : String [NotBlank]
Complaint
+ ticker : String [Pattern("^[0-1]{4}[0-3]{4}[a-z]{4}[0-9]{3}")]
+ moment : Date [Past]
+ description : String [NotBlank]
+ attachmentLink : String [Url]
Registers
Report
+ moment : Date [Past]
+ description : String [NotBlank]
+ attachmentLink : String [Url]
+ finalMode : Boolean
Complaints and notes cannot be updated or deleted once they are saved to the database. So, it's required that the system must ask for a double confirmation before saving these entities.
Publishes
The FixUp Task cannot be modified or deleted after the publication date. The publicationDate must be before startDate and endDate
BelongsTo
CommentsToTo
SearchesFor
CreditCard
+ holderName : String [NotBlank]
+ brandName : String [NotBlank]
+ number : String [CreditCardNumber]
+ expirationMonth : Integer [Range(1,12)]
+ expirationYear : Integer [Range(0,99)]
+ CVV : Integer [Range(100,999)]
Has
Application
+ registerMoment : Date [Past]
+ status : String [Pattern("^PENDING|ACCEPTED|REJECTED$")]
+ offeredPrice : Double [Min(0)]
+ comment : String[0..1]
+ reasonDenied : String[0..1]
Involves
FixUpTask
+ ticker : String [Pattern("^[0-1]{4}[0-3]{4}[a-z]{4}[0-9]{3}")]
+ publicationDate : Date [Past]
+ description : String [NotBlank]
+ address : String [NotBlank]
+ maxPrice : Double [Min(0)]
+ startDate : Date
+ endDate : Date
Note
+ moment : Date [Past]
+ comment : String [Pattern("^CUSTOMER|HANDYWORKER|REFEREE$")]
+ commentCustomer : String[0..1]
+ commentReferee : String[0..1]
+ commentHandyWorker : String[0..1]
The notes can be written by the referee, the customer or the handy worker who is involved in the corresponding complaint.
startDate must be before endDate
Phase
+ title : String [NotBlank]
+ description : String [NotBlank]
+ startMoment : Date
+ endMoment : Date
Warranty
+ title : String [NotBlank]
+ terms : String [NotBlank]
+ finalMode : Boolean
+ laws : String[0..1]