pkg

Configuration
+ cachedTime : Date
+ managerFee : Double (Min(0))
+ chorbiFee : Double (Min(0))

By default must be 12h.

By default must be 1.00€.

<<datatype>>
Coordinates
+ country : String (NotBlank)
+ state : String[0..1]
+ province : String[0..1]
+ city : String (NotBlank)

Banner
+ picture : String (NotBlank, URL)

<<enum>>
RelationshipType
+ value : String (NotBlank)

Can be: "activities", "friendship", or "love".

<<enum>>
Genre
+ value : String (NotBlank)

Can be: "man" or "woman".

Chirp
+ sentMoment : Date (Past)
+ subject : String (NotBlank)
+ text : String (NotBlank)
+ attachments : String[0..*] (URL)
+ copy : Boolean

0..*   ◁Send   1

Actor
+ name : String (NotBlank)
+ surname : String (NotBlank)
+ email : String (NotBlank, Email)
+ phoneNumber : String (NotBlank, Pattern("(\+\d{1,3})?(\(\d{1,3}\))?\w {4,}")

1   Has ▷   0..1

CreditCard
+ holderName : String (NotBlank)
+ brandName : String (NotBlank)
+ number : Integer (CreditCardNumber)
+ expirationMonth : Integer (Range(1, 12))
+ expirationYear : Integer (Min(2017))
+ cw : Integer (Range(100,999))

must be either: VISA, MASTERCARD, DISCOVER, DINNERS or AMEX.

0..*
Receives
1

Like
+ likeMoment : Date (Past)
+ comment : String[0..1]
+ starsNumber : Integer (Range(0,3))

0..*
+ receivedLikes
◁Like
+ givenLikes
0..*

Chorbi
+ picture : String (NotBlank, URL)
+ description : String (NotBlank)
+ relationshipEngage : RelationshipType
+ genre : Genre
+ coordinates : Coordinates
+ banned : Boolean
● + birthDate : Date (Past)

Event
+ title : String (NotBlank)
+ organisedMoment : Date
+ description : String (NotBlank)
+ picture : String (NotBlank, URL)
+ seatsNumber : Integer (Min(0))
+ /availableSeats : Integer (Min(0))

RegisterTo▷   0..*   1

0..*   Organise◁   1

Manager
+ company : String (NotBlank)
+ vatNumber : String (NotBlank, Size(2,13))
+ fee : Double (Min(0))

Administrator

No person under 18 is allowed to register to the system.

1
Has
1

+ results   0..*

1
Has
1

1
Pay▷
0..*

SearchTemplate
+ relationshipType : RelationshipType[0..1]
+ approximateYear : Integer[0..1] (Min(18))
+ genre : Genre[0..1]
+ singleKeyword : String[0..1]
● + searchTime : Date[0..1] (Past)
+ country : String[0..1]
+ state : String[0..1]
+ province : String[0..1]
+ city : String[0..1]

MonthlyFee
+ creationMoment : Date (Past)
+ fee : Double (Min(0))

The available seats are computed by the numbers of offered seats and the registered chorbies for the event.

The results of search templates must be cached for at least 12 hours. The time must be expressed in hours, minutes, and seconds.