pkg

<<datatype>>
Coordinates
+ country : String {NotBlank}
+ state : String
+ province : String
+ city : String {NotBlank}

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

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

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

Administrator

Configuration
+ cachedTime : Date

By default must be 12h.

0..1

◄ Has

1

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

1   Send ►   0..*
+ sender   + sentChirps

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

Banner
+ title : String {NotBlank}
+ picture : String {NotBlank, URL}

0..*
+ receivedLikes

Like
+ likeMoment : Date {Past}
+ comment : String

Like

+ givenLikes
0..*

+ recipient   Receives ►   + receivedChirps
1   0..*

<<enum>>
RelationshipType
+ value : String {NotBlank}

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

+ results   0..*

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

<<enum>>
Genre
+ value : String {NotBlank}

Can be: "man" or "woman".

Has   Has
1   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]

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