View travel

**StepBean**
-number: integer
-place: String
-isL: File[0...*]
-descriptionStep: String
-fullPlace: PlaceAdapter
+StepBean()
+StepBean(s: StepEntity)
+getNumber(): Integer
+getPlace(): String
+getFullPlace(): PlaceAdapter
+getListPhoto(): File[0...*]
+setListPhoto(photoList: File[0...*])
+setFullPlace(place: PlaceAdapter)

**TravelBean**
-nameTravel: String
-idTravel: Integer
-Step: StepBean[0..*]
-imageStream: File
+getNameTravel(): String
+setNameTravel(nome: String)
+getIdTravel(): Integer
+setIdTravel(id: Integer)
+getStepList(): StepBean[0...*]
+setStepList(stepList: StepBean[0...*])
+getImage(): File
+setImage(photo: File)
+TravelBean()
+TravelBean(travel: TravelEntity)

**TravelController**
+shareTravel(users: UserBean[0...*], Integer: travelId, Integer: travelC, integer: userId): boolean
+updateFav(user: UserBean)
+getContactSharing(UserBean myUser): UserBean[0...*]
-sortStepInDay(List<StepBean> s)
-stepInDay(s: StepBean[0...*], n: Integer): StepBean[0...*]
+getTravel(id: Integer): TravelBean

**DaoFactory**
-istance
+create(DaoType: type): PersistanceDAO
+createPredictable(DaoType: type): PredictableDAO
+createVisual(DaoType: type): VisualDAO
+getIstance()

«enumeration»
**DaoType**
USER
OTHERUSER
TRAVEL
STEP
CITY
MESSAGE
S_TRAVEL
S_USER
SEARCH_TRAVEL
FACEBOOK
SHARE
EXPLORE

**ViewTravelController**
-thisTravel: TravelBean
+setMainPane(BorderPane: main, int: provenienza)
-setStep()
-backHandler()
-shareButtonHandler()
-profileButtonHandler()
-chatButtonHandler()
-favoriteButtonHandler()
-viewMapHandler()
+setTravel(travel: TravelBean)

**ProfileOtherController**
+user: UserBean
+setMainPane(mainPane : BorderPane, provenienza : int)
-followerList()
-followingList()
-favoriteList()
+setUser(user: UserBean)
-followHandler()

**UserBean**
-name: String
-surname: String
-id: Integer
-photo: File
-travel: Integer[0..*]
+getName(): String
+setName(name: String)
+getSurname(): String
+setSurname(surname: String)
+getId(): Integer
+getTravel(): TravelBean[0..*]
+UserBean(id: Integer)
+UserBean()
+UserBean(user: UserEntity)
+setTravel(travel: TravelBean[0...*])
+getPhoto(): File
+setPhoto(photoBackground;File)

«interface»
**PredictableDAO**
+getPredictions(String s): String

«interface»
**VisualDAO**
+getData(entity: Entity): Entity[0...*]

«interface»
**PersistanceDAO**
+myEntity: Entity
+setData(entity: Entity)
+delete()
+update(entity: Entity)
+setMyEntity(Entity: entity)
+getMyEntity(): Entity

**CityDao**

**UserDao**

**FacebookDao**

**TravelDao**

**SharedDao**

**MessageDao**

**StepDao**

**ViewOnMapController**
+load(steps: StepBean[0...*])

+load(thisTravel.getSteps())

**ChatViewController**
-loggedUser: UserBean
-userContacts: String[0..*]
-searchHandler()
-sendHandler()
+setMainPane(main: BorderPane)

**ControllerProfileOther**
+updateFav(u: UserBean)
+updateFollow(u: UserBean)

«interface»
**Entity**

**TravelEntity**
-nameTravel: String
-steps: StepEntity[0..*]
-cityView String[0..*]
-startDate : Date
-endDate : Date
+setNameTravel(name : String)
+setSteps(steps: StepEntity[0..*])
+setCityView(cities : String[0..*])
+getNameTravel(): String
+getSteps(): StepEntity[0..*]
+getCityView(): String[0..*]

**StepEntity**
-place: String
-photo: String[0..*]
+setPlace(place: String)

**ShortTravelDao**

**ShortUserDao**

**ExploreDao**

**OtherUserDao**

**SearchTravelDao**

**ViewOnMap**
+loadTravel(StepBean[0..*] steps)
-getPlaceByName(): Place

**ChatController**
+getMessages(msgR: MessageBean[0..*], msgS: MessageBean[0..*]): MessageBean[0..*]
+getContacts(c: Chat[0..*], id: Integer): UserBean[0..*]
+sendMessage(m: MessageBean)
+getUserPredictions(text: String, id: Integer): UserBean[0..*]
+getNewMessage(idUser: Integer, time: Instant): MessageBean[0..*]
+getMessageThread(idMe: Integer, idUser: Integer): MessageBean[0..*]
+setReadMex(mex: MessageBean)

**ProfileController**
+getTravel(I: Integer[0..*]): Bean[0..*]
+getFollow(I: Integer[0..*]): Bean[0..*]
+getFollowS(I: Integer[0..*]): String[0..*]
+getFav5(I: Integer[0..*]): String[0..*]
+getUser(userId: Integer): UserBean

«interface»
**Place**
+getCategory(): String
+getPostCode(): String
+getCoordinates(): Double[0..*]
+getType(): String
+getCountry(): String
+getCity(): String

**PlaceAdapter**
-converti(obj: JSONObject)

**JSONObject**
+get(key: String): JSONObject
+get(key: String): JSONArray

+create
+createVisual
+createVisual
+createVisual
+create