```
«boundary»
TouristScheduleATrip
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      «boundary»
LoginFacebook
                                                                                                                                                                        «controller»
SheduleATrip
  +insertCity(city: String)
+insertCity(city: String)
+insertListDayOfTrip(day1: String)
+insertLastDayOfTrip(day2: String)
+insertVeganRequirement(isForVegan: Boolean)
+insertCeliacRequirement(isForCeliac: Boolean)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      +loginWithFB()
                                                                                                           +findRestaurants(city: String, isForVegan: Boolean, isForCeliac: Vector): List<Restaurant>
+generateScheduling(rest: Restaurant): Array<Scheduling>
+saveScheduleTrip(scheduling: Array<Scheduling>)
 +insertBudget(budget: Double)
+insertMinimunRating(vote: Natural)
                                                                                                            +sendNotifications(scheduling: Array<Scheduling>)
+saveScheduling()
+generateNewScheduling()
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 «entity»
User
                                                                                                                                                                                                                                                                                                                                                                                                                                                             «controller»
Login
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         #name: String
#surname: String
                                                                                                                                                                                                                                                                                                                                                                                                                                                        +loginMethod()
+registerMethod()
                                                           «boundary»
ScheduleATripRestaurantOwne
                                                                                                                                                                                                                                                   «entity»
Scheduling
                                                                                                                                                                                                                                                                                                                                                     «entity»
Restaurant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  «entity»
Owner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         «entity»
Tourist
                                                                                                                                                                                                                                                -date: String
                                                                                                                                                                                                                                                                                                                                              -name: String
                                                                                                                                                                                                                                               -atLunch: Boolear
-tourist: Tourist
                                                                                                                                                                                                                                                                                                                                             -city: String
-avgVote: Double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -favouriteRestaurants: List<Restaurant>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -ownRestaurants: List<Restaurant>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -reviewNotif: List<NotificationReview>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -notifications: List<NotificationTourist>
                                                                                                                                                                                                                                                                                                                                            -address: String
-owner: Owner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           -scheduleNotif: List<NotificationTrip>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -trip: List<Scheduling>
                                                                                                                                                                                                                                                                                                                                              -openingHours: Array
                                                                                                                                                                                                                                                                                                                                               +totalPrice: Double
                                                                                                                                                                                                                                                                                                                                                       «entity»
Dish
                                                                                                                                                                                                                                                                                                                                            -dishName: String
-price: Double
-isForVegan: Boolean
-isForCeliac: Boolean
```