

## Rent-A-Ride Domain Model Objects

### Customer

- firstName
- lastName
- userName
- password
- email
- address
- memberUntilDate
- licenseState
- licenseNumber
- creditCardCumber
- creditCardExpirationDate
- status (one of: active | removed | terminated)
- reservations (relationship to a number of Reservations)

### Administrator

- firstName
- lastName
- userName
- password
- email
- address
- status (one of: active | removed | terminated)

### RentalLocation

- name
- address
- capacity
- vehicles (relationship to number of Vehicles)

### VehicleType

- name
- priceSettings (relationship to a number of HourlyPrices)
- vehicles (relationship to number of Vehicles)

### HourlyPrice

- minHours
- maxHours
- price

**Vehicle**

make  
model  
year  
mileage  
registrationTag  
lastServicedDate  
status ( one of: inLocation | inRental | inMaintenance )  
vehicleType (relationship to VehicleType)  
location (relationship to RentalLocation)

**Reservation**

date  
time  
rentalTime (in hours)  
location (relationship to RentalLocation)  
vehicleType (relationship to VehicleType)  
customer (relationship to Customer)

**Rental**

date  
startTime  
returnTime  
charges  
reservation (relationship to Reservation)  
rentedVehicle (relationship to Vehicle)  
vehicleCondition (one of: good | cleaningNeeded | maintenanceNeeded)  
comment (relationship to a number of Comments)

**Comment**

text  
date  
rental (relationship to Rental)

**Parameters**

membershipPrice  
overtimePenalty