

PowerEnjoy



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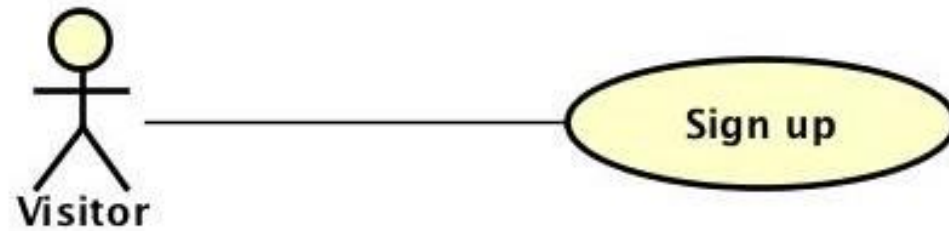
Actor

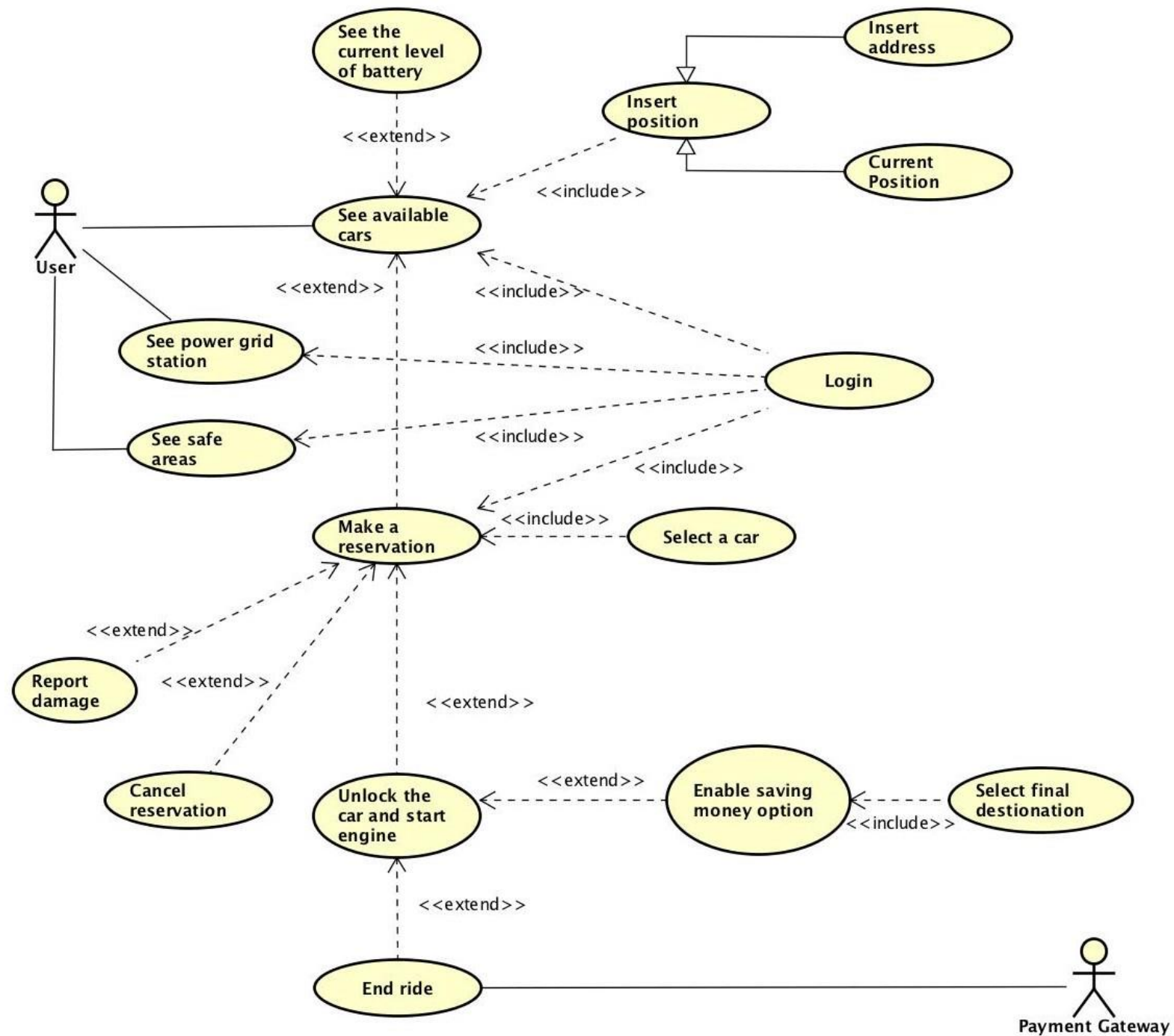
- Visitor
- User
- Operator

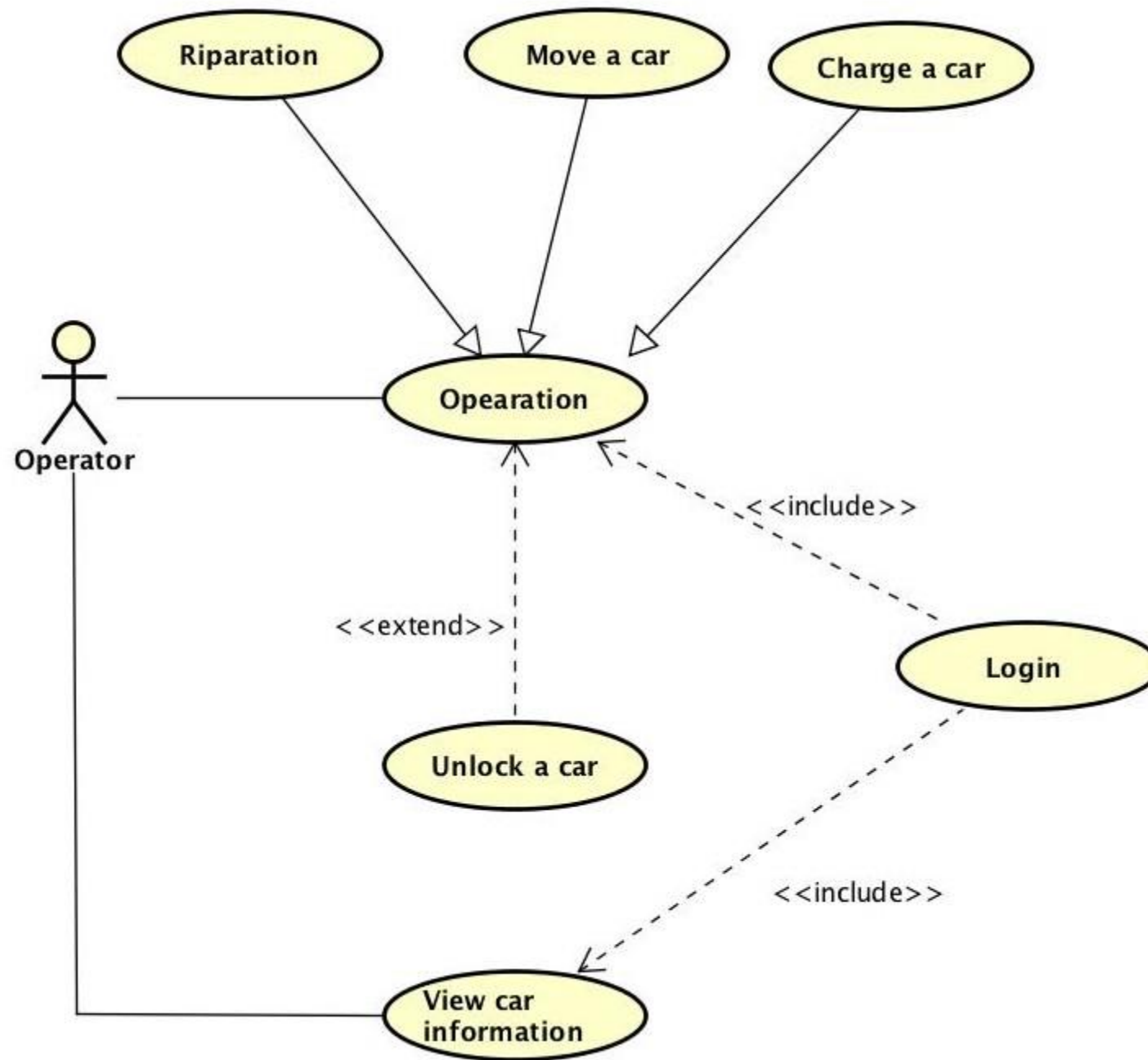
Our key points of interpretation

- Operators must stay logged during their working hours
- User for unlock a reserved car has to insert through the app, the car's code (unique, in the front of the car)
- An operator take care of cars with no more than 20%, so no one user can pick a car with more than 80% of empty battery
- If a user couldn't pay last ride the payment society notify the system who block the user's account
- If a car is left by some user at more than 3 km from the nearest power grid station, an operator will move it to a power grid station

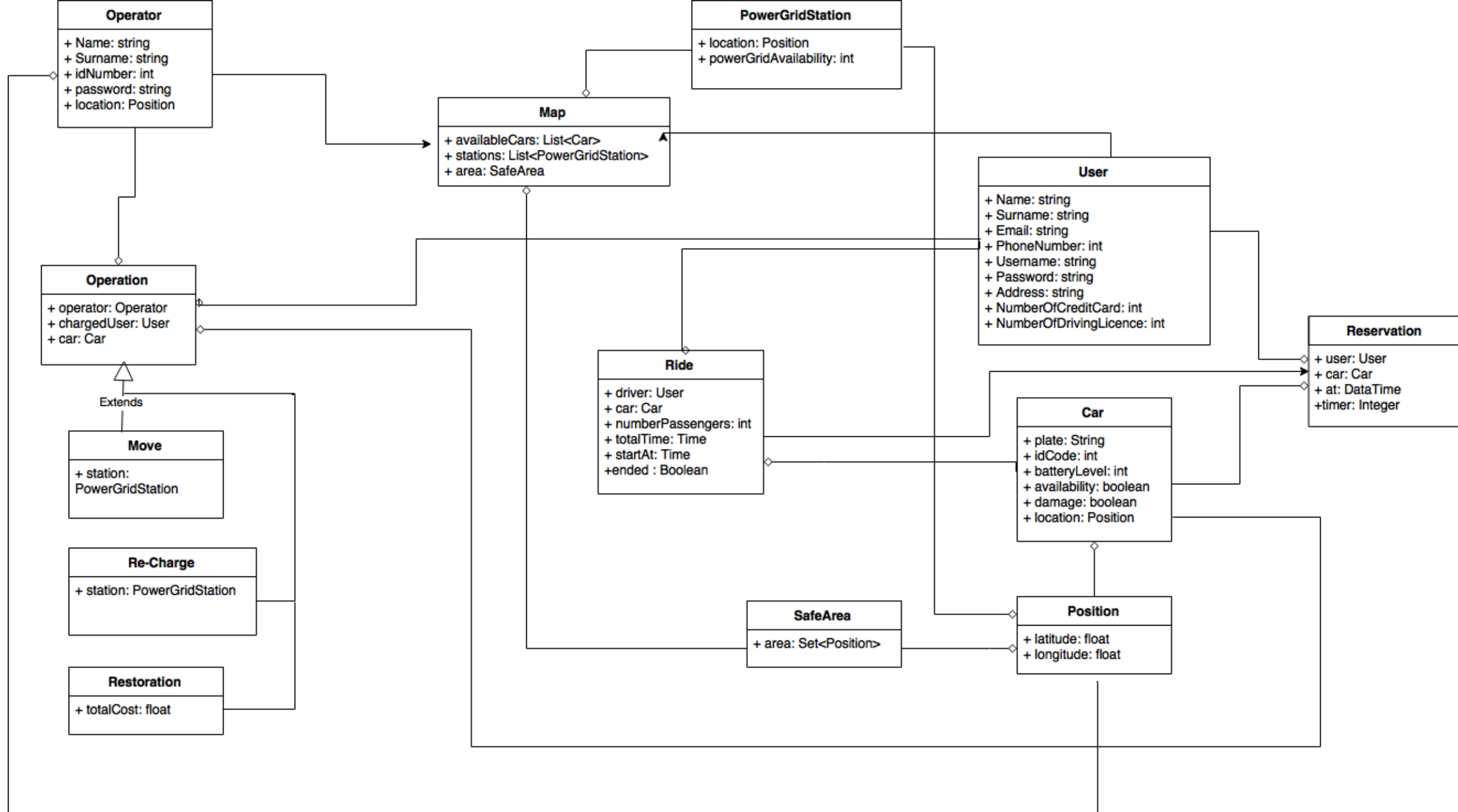
Use case diagram



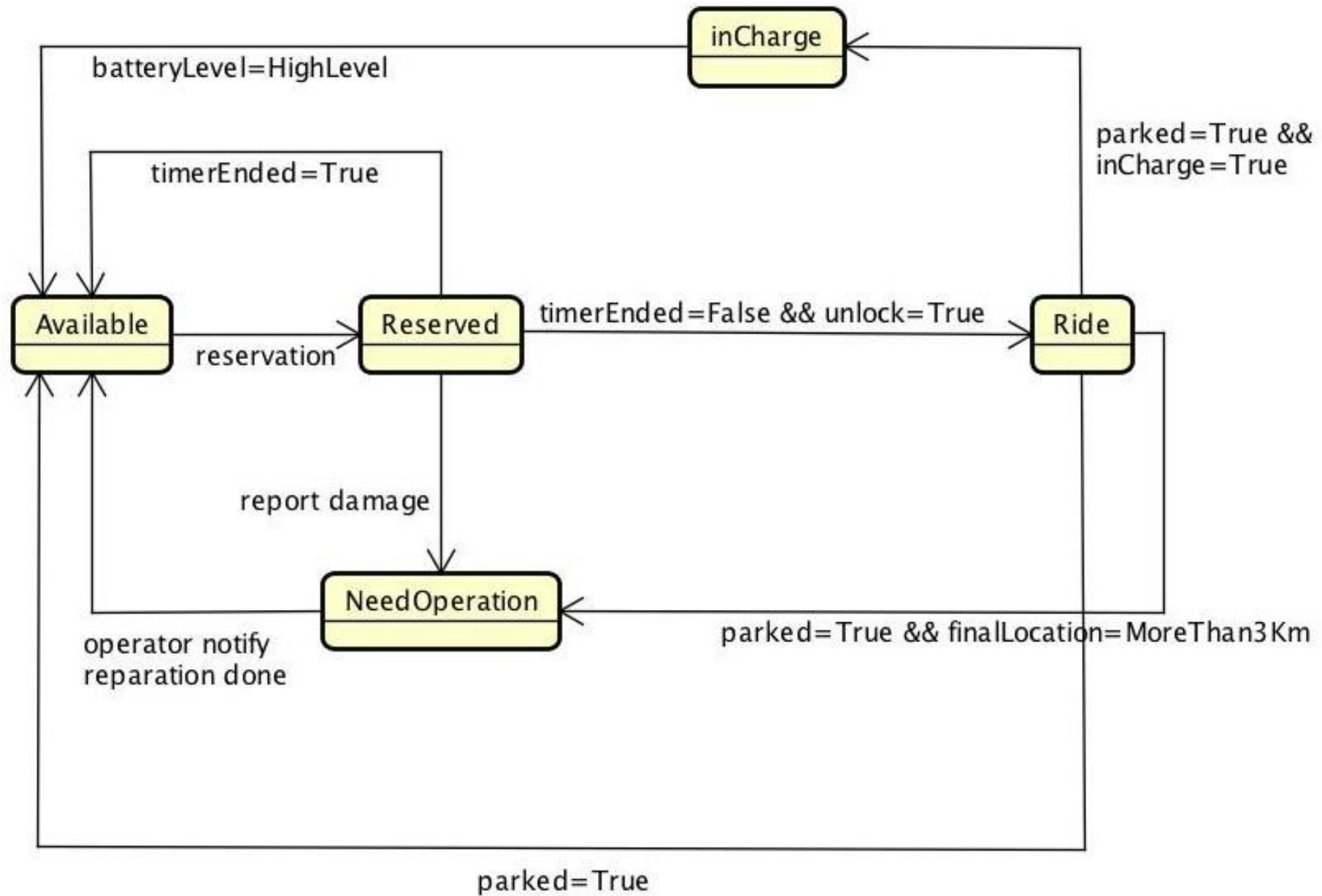




Class diagram



State chart diagram



Alloy

area: 2
availability: 1
car: 1
car: 3
car: 1
cars: 1
code: 1
driver: 1
numberPassenger: 1
operator: 1
position: 1
position: 1
reservation: 1
user: 3

