Grizzly Mobile

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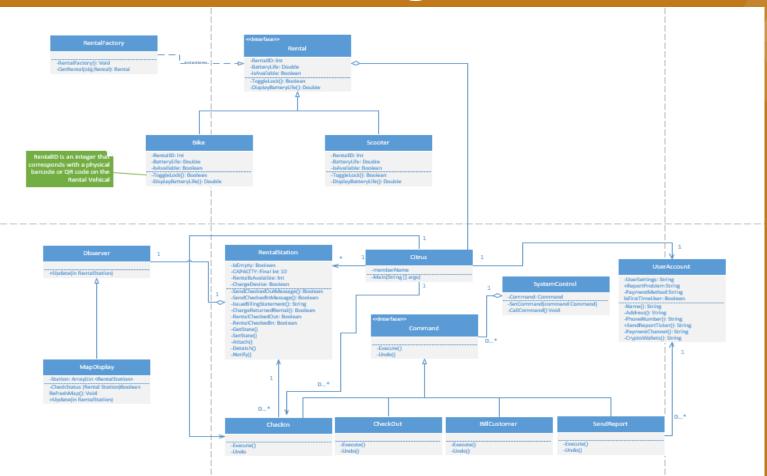
Citrus



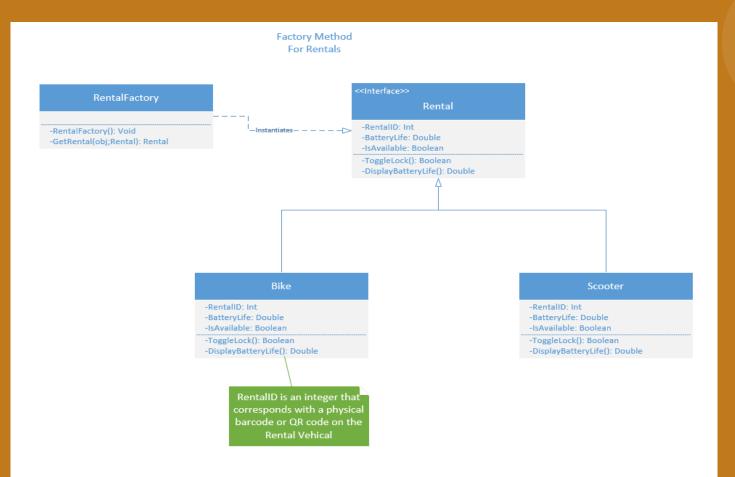
Citrus

Is a mobile Application that will operate with cheap, environmentally conscientious transportation, electric bikes and scooter.

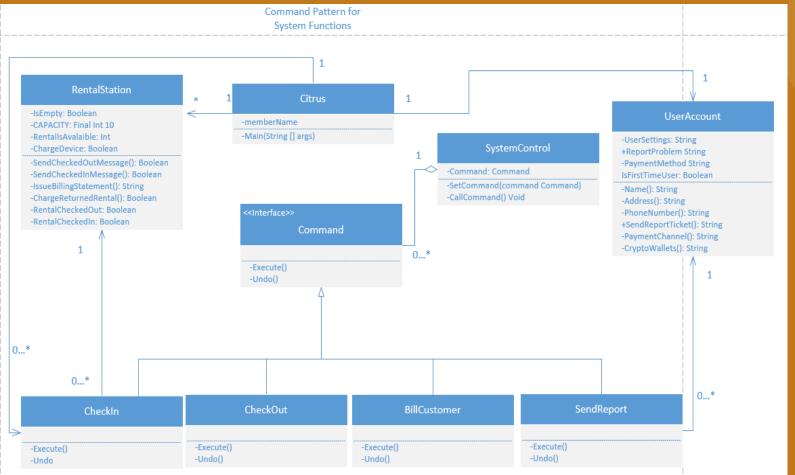
Citrus UML Diagram



Factory Diagram



Command Diagram



Observer Diagram

Observer Pattern for System Updates

RentalStation

- -IsEmpty: Boolean
- -CAPACITY: Final Int 10
- -RentalIsAvalaible: Int
- -ChargeDevice: Boolean
- -SendCheckedOutMessage(): Boolean
- -SendCheckedInMessage(): Boolean
- -IssueBillingStatement(): String
- -ChargeReturnedRental(): Boolean
- -RentalCheckedOut: Boolean
- -RentalCheckedIn: Boolean
- -GetState()
- -SetState()
- -Attach()
- -Detatch()
- -Notify()

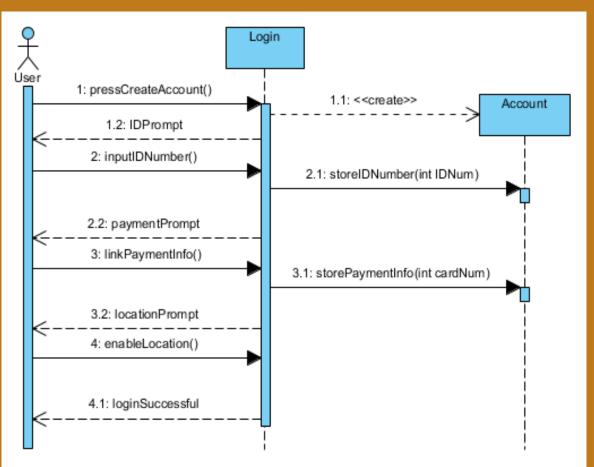
Observer

+Update(in RentalStation)

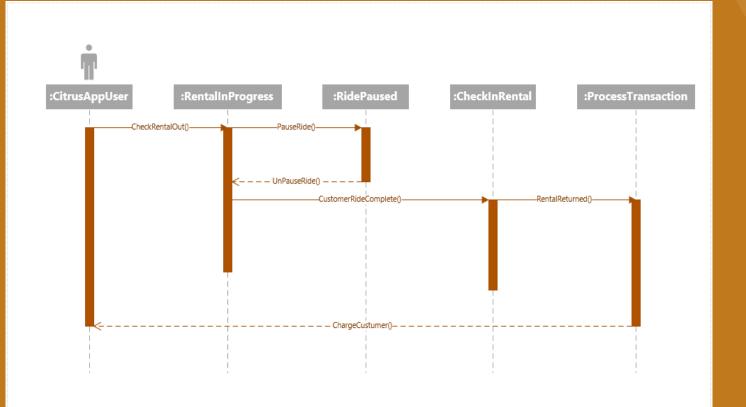
MapDisplay

- -Station: ArrayList <RentalStation>
- -CheckStatus (Rental Station)Boolean
- RefreshMap(): Void
- +Update(in RentalStation)

Sequence Diagram 1



Sequence Diagram 2



Thanks!

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