Charging Process Ends

Driver

Mobile Application
- View
- Communication Handler

eMSP Application Server
- Requests Handler
- Authentication Middleware
- Payment
- Charging Process
- eMSP Model
- Station Updates
- External Operation Controller

CPMS
- Remote Operation Receiver
- Station Updates
- Charging Process
- Protocol Translator
- CPMS Model
- Price Calculation

opt [Driver Stop the Charge]

- getView(BookedChargeView)
- showView(BookedChargeView)
- click(StopChargingProcess)
- loadingMessage
- makeRequest(stopChargingProcess, success(), error())
- handleRequest(stopChargingProcess)
- filterRequest(stopChargingRequest)
- isLogged(session)
- stopCharge(bookingID)
- getBooking(bookingID)
- bookingData
- checkOwner()
- getCPMS(stationID)
- CPMSConnection
- makeRequest(CPMSConnection, stopChargeRequest)
- handleRequest(stopChargingProcessRequest)
- stopCharge(station, bookingID)
- getSocketID(bookingID)
- socketID
- success
- success
- success
- success
- success()
- show(successRequestMessage)
- stopCharge(station, socketID)
- call to externalSocketAPI

- onFinish(energyConsumed, chargingType, socketID, station, bookingID)
- calculatePrice(energyConsumed, chargingType)
- amountToPay
- onChargeFinished(amountToPay, bookingID)
- deleteBooking(bookingID)
- updateAvailability(station, socketID, null)
- onChargeFinished(amountToPay, bookingID)
- getBookingData(bookingID)
- bookingData
- notify(chargeFinished, driverID)
- getPaymentMethod(driverID)
- driverPaymentMethod
- getOwner(station)
- CPOData
- pay(bookingData, driverPaymentMethod, CPOPaymentMethod, amountToPay, success(), error())
- notify(chargeFinished, driverID)
- notify(chargeFinished)
- notify(chargeFinished)
- call to externalPaymentAPI
- success(bookingData)
- deleteBooking(bookingID)
- notify(paymentSuccessfull, driverID)
- notify(paymentSuccessfull, driverID)
- notify(paymentSuccessfull, driverID)
- notify(paymentSuccessfull)
- notify(paymentSuccessfull)
- getChargingType(station, socketID)
- getAssociatedEMSPs()

loop [forEacheMSP]
- updateAvailability(eMSP, station, chargingType, null)
- updateAvailability(station, chargingType, null)
- updateAvailability(station, chargingType, null)