**Systemoperationen**

**[Administration]**

addBooking(chargingZone, user, maxCapacity, plugType, startTime, endTime)

removeBooking(id)

editBooking(id, chargingZone, maxCapacity, plugType, startTime, endTime)

confirmBooking(booking)

declineBooking(booking)

makeSuggestion(booking)

updateTimetable(bookings)

loadBookings()

saveBooking()

messageUser(user)

checkIn(id)

checkOut(id)

**[Timetable]**

scheduleBookings()

scheduleAdhocBookings()

**[Infrastructure]**

addLocation(establishment)

removeLocation(id)

Infrastructure()

instance()

**[Location]**

addChargingZone(site, maxPowerZone)

removeChargingZone(id)

editChargingZone(id, site, maxPowerZone)

**[ChargingZone]**

addChargingStation(manufacturer, name, maxPowerStation)

removeCharingStation(id)

editChargingStation(id, manufacturer, name, maxPowerStation)

**[ChargingStation]**

addPlug(type, power)

removePlug(id)

**[Simulation]**

addScenario(duration, rushhours, spread, minRequests, maxRequests)

editScenario(id, duration, rushhours, spread, minRequests, maxRequests)

runSimulation()

saveScenarios()

loadScenatios(file)

Simulation()

instance()

**[History]**

evaluateScenario(id)