

Systemoperationen

[Administration]

addBooking(chargingZone, user, maxCapacity, plugType, startTime, endTime, socStart)
removeBooking(id)
editBooking(id, chargingZone, maxCapacity, plugType, startTime, endTime)
makeSuggestion(booking)
updateTimetable(bookings)
loadBookings()
saveBooking()
messageUser(user)
checkIn(id)
checkOut(id)
getPriority(email)

[Timetable]

scheduleBookings()
scheduleAdhocBookings()

[Infrastructure]

addLocation(name)
removeLocation(id)
Infrastructure()
getInstance()

[Location]

addChargingZone(site, maxPowerZone)
removeChargingZone(id)
editChargingZone(id, site, maxPowerZone)

[ChargingZone]

addChargingStation(manufacturer, name, maxPowerStation)
removeChargingStation(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)
runScenario(id)
saveScenarios()
loadScenarios()
Simulation()
getInstance()

[History]

evaluateScenario(id)
getInstance()
History()