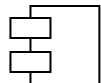




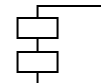
EV Driver



eMSP_Account Manager



SMS Service



Query Manager



DBMS

signup(firstName, lastName, phoneNumber, password)

checkRegistrationInput(data)

checkIfAlreadyExist(phoneNumber)

selectDriver(query)

driver tuple

driver data

<400> Bad Input

<409> Conflict

createDriver(firstName, lastName, password, phoneNumber)

insertDriver(query)

driver tuple

driver data

createDriverVerificationCode(phoneNumber,code)

InsertDriverVerificationCode(query)

[driverID, code]

[driverID, code]

sendSMS(phoneNumber, code)

code

verifyPhoneNumber(phoneNumber, code)

checkVerificationCode(phoneNumber, code)

selectVerificationCode(query)

code

Response: boolean

<200> OK

<400>