

User:

setUserName(name)

set username = name

showUserName()

display username

editUserName(name)

username = name

showUserID()

display userID

createUserID()

generate userID

set userID

deleteUserID()

delete userID

setEmail(email)

set email = email

showEmail()

display email

editEmail(email)

email = email

setPassword(password)

set password = password

editPassword(password)

password = password

setPhoneNumber(phoneNumber)

set phoneNumber = phoneNumber

showPhoneNumber()

display phoneNumber

editPhoneNumber(phoneNumber)

phoneNumber = phoneNumber

setPreferences(preferences)

set preferences = preferences

showPreferences()

display preferences

editPreferences(preferences)

preferences = preferences

selectCar(car)

selectedCar = car

showConnectedCars()

display connectedCars

connectNewCar(car)

connectedCarsList+=car

createUser(username, email, password, biometrics, phoneNumber, preferences)

set username = username

set email=email

set password=password

set biometrics=biometrics

set phoneNumber = phoneNumber

```

        set preferences=preferences
    readUser(user)
        return user
    updateUser(userName, email, password, biometrics, phoneNumber, preferences)
        set username = username
        set email=email
        set password=password
        set biometrics=biometrics
        set phoneNumber = phoneNumber
        set preferences=preferences
    deleteUser(user)
        delete user
    readCheckDistance()
        return distance
    updateCheckDistance(int distance)
        Distance = distance
    checkDistance(int distance)
        If distance > 5
            stopCar()

```

Car:

```

showFuelLevel()
    display fuelLevel
startCar()
    set carStatus = "On"

```

stopCar()

set carStatus = "Off"

showIdleTime()

display idleTime

unlockDoors()

set doorLocked = "Off"

lockDoors()

set doorLocked = "On"

addError(error)

errorList+=error

deleteError(error)

delete error

showError()

display error

createCar(fuelLevel, idleTime, doorLock)

set fuelLevel

set idleTime =idleTime

set doorLocked = doorLock

readCar(car)

return car

updateCar(fuelLevel, idleTime, doorlock)

set fuelLevel

set idleTime =idleTime

set doorLocked = doorLock

deleteCar(car)

delete car

Error:

showErrorCode()

display errorCode

showErrorDescription()

display errorDescription

showDateOfError()

display dateOfError

createError(errorCode, errorDescription, dateOfError)

set errorCode = errorCode

set errorDescription = errorDescription

set dateOfError = dateOfError

updateError(errorCode, errorDescription, dateOfError)

set errorCode = errorCode

set errorDescription = errorDescription

set dateOfError = dateOfError

readError()

returns error

deleteError(error)

deletes error

Schedule:

setSchedulePattern(schedulePattern)

set schedulePattern= schedulePattern

showSchedulePattern(schedulePattern)

display schedulePattern

editSchedulePattern(schedulePattern)

set schedulePattern

deleteSchedulePattern(schedulePattern)

deletes schedulePattern

createSchedule(schedulePattern)

return schedulePattern

updateSchedule(schedulePattern)

set schedulePattern = schedulePattern

readSchedule(schedulePattern)

return schedulePattern

deleteSchedule(schedulePattern)

delete schedulePattern

Climate:

setMainTemp(mainTemp)

set mainTemp =mainTemp

showMainTemp()

display mainTemp

setDriverTemp(driverTemp)

set driverTemp = driverTemp

showDriverTemp()

```
        display driverTemp
setPassengerTemp(passengerTemp)
    set passengerTemp = passengerTemp
showPassengerTemp()
    display passengerTemp
createClimate(mainTemp, driverTemp, passengerTemp)
    set mainTemp = mainTemp
    set driverTemp = driverTemp
    set passengerTemp = passengerTemp
updateClimate(mainTemp, driverTemp, passengerTemp)
    set mainTemp = mainTemp
    set driverTemp = driverTemp
    set passengerTemp = passengerTemp
readClimate(climate)
    return climate
deleteClimate(climate)
    delete climate
```