

User:

setUserName(name)

set username = name

showUserName()

display username

editUserName(name)

username = name

showUserID()

display userID

createUserID()

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)

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        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)

        connectedCars=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)

 fetch 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

Car:

showFuelLevel()

 display fuelLevel

startEngine()

 set engineStatus = "On"

stopEngine()

 set engineStatus = "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)

fetch 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()

fetch error

deleteError(error)

file gets deleted

Schedule:

setSchedulePattern(schedulePattern)

set schedulePattern= schedulePattern

showSchedulePattern(schedulePattern)

display schedulePattern

editSchedulePattern(schedulePattern)

set schedulePattern

deleteSchedulePattern(schedulePattern)

deletes schedulePattern
createSchedule(schedulePattern)
set schedulePattern = schedulePattern
updateSchedule(schedulePattern)
set schedulePattern = schedulePattern
readSchedule(schedulePattern)
Fetch 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)

fetch climate

deleteClimate(climate)

delete climate