User

email
firstRun : bool
locatorData : DataFrame
name
password
phoneNumber
renterData : DataFrame
userData : dict
userType : NoneType
username

getSelfType()
getUserObject(__class__, userType, userID)
updateUserData(__class__, userType)

Court

agendaID
courtData : list
courtID
courtReservationData : list
courtType
location
locatorID
pricePerHour

bookCourt(userID, date, startTime, endTime)
cancelBooking(resID)
checkAvailability(date, startTime, endTime)
getCourtID()
getDetails(__class__, courtID)
updateCourtData(__class__, locatorID)

Agenda

agendaData : list
agendaID
courtAgenda : list

getAgenda(__class__, agendaID)
updateAgenda(__class__, agendaID, date, startTime, endTime, value)

Locator

locatorID
object
ownedCourts : list
userType

addCourts(courtType, location, pricePerHour, weekend, week_days)
getID()

object

Renter

object
renterID
reservations : list
userType

getID()
getRenterName(__class__, userID)
registerReservation(__class__, reservationID, userID)
unregisterReservation(__class__, reservationID, userID)

object

Reservation

court
resID
reservationData
reservationsData : list
userID
userName

getResData(__class__, resID)
getResID(__class__, resID)
getResUser(__class__, resID)