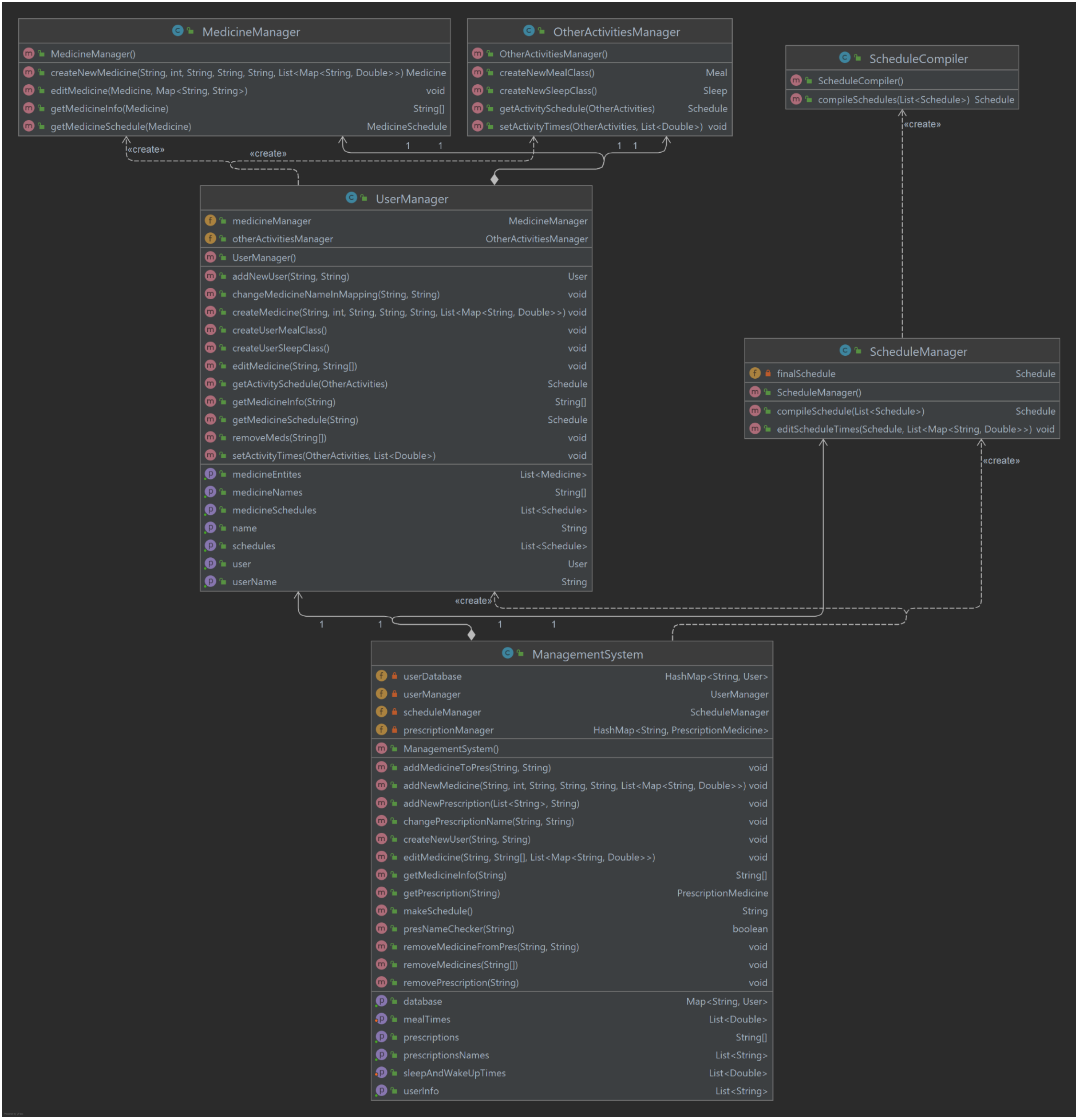
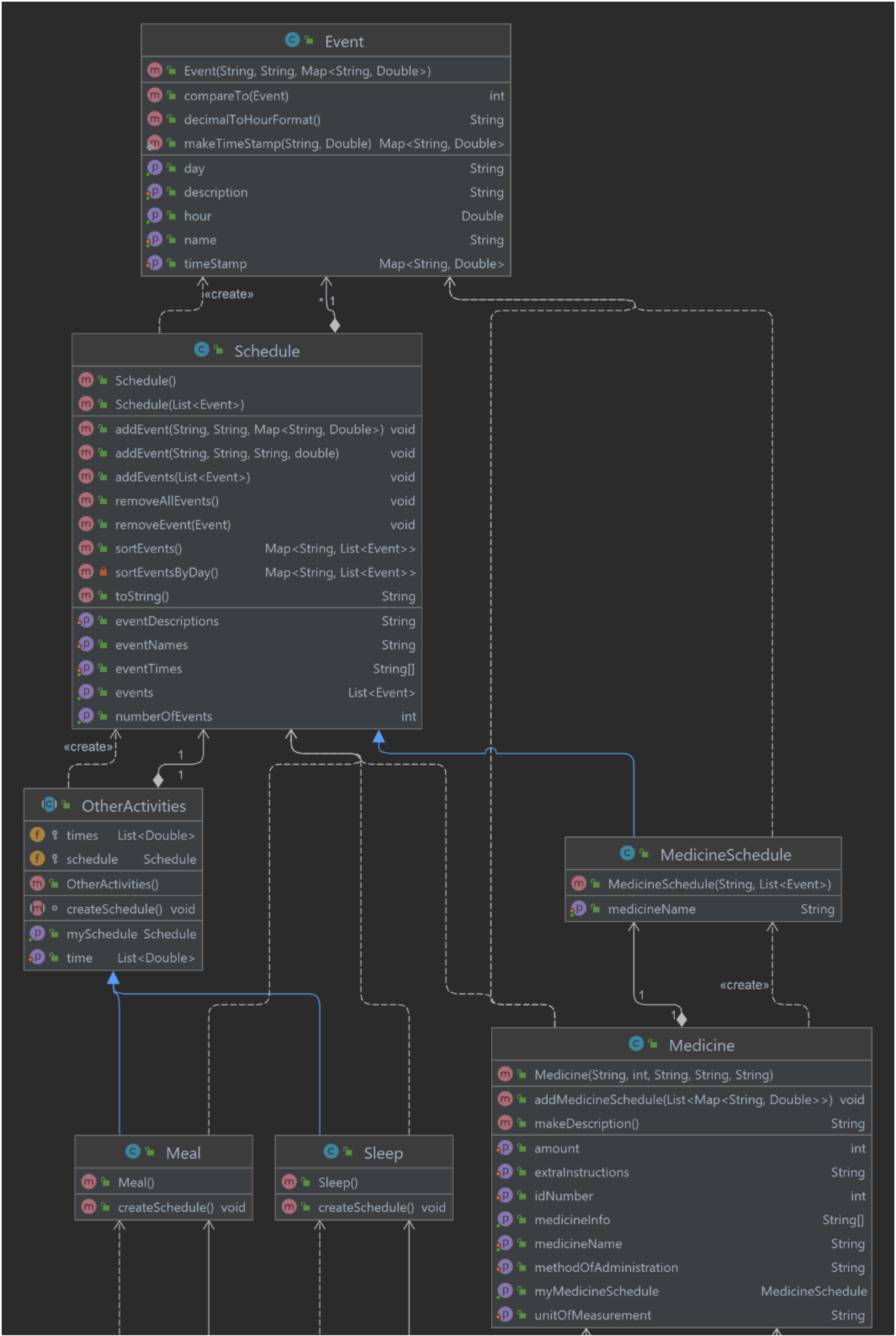
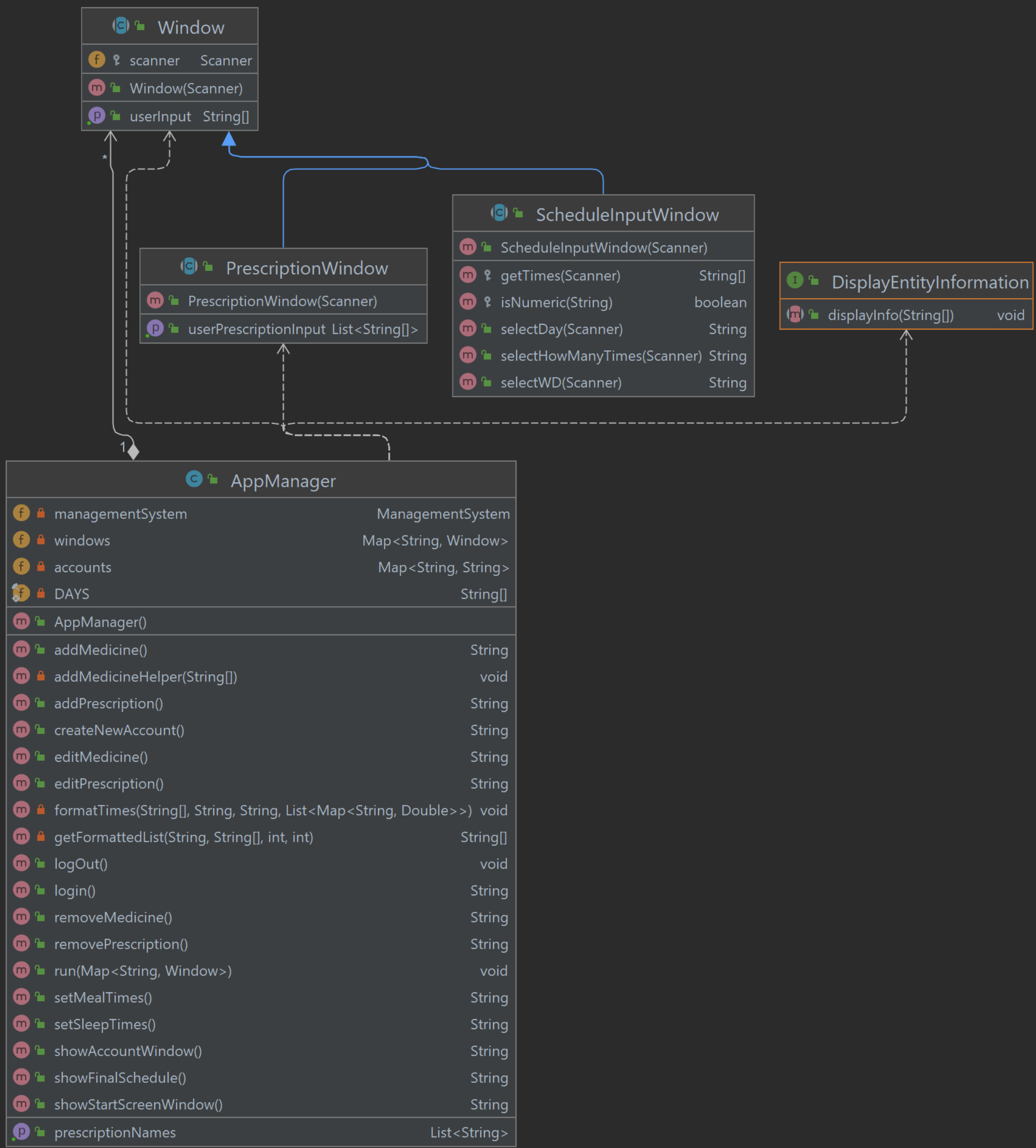

MedicineManager
MedicineManager()
createNewMedicine(String, int, String, String, String, List<Map<String, Double>>) Medicine
editMedicine(Medicine, Map<String, String>) void
getMedicineInfo(Medicine) String[]
getMedicineSchedule(Medicine) MedicineSchedule
OtherActivitiesManager
OtherActivitiesManager()
createNewMealClass() Meal
createNewSleepClass() Sleep
getActivitySchedule(OtherActivities) Schedule
setActivityTimes(OtherActivities, List<Double>) void
ScheduleCompiler
ScheduleCompiler()
compileSchedules(List<Schedule>) Schedule
«create»
«create»
1 1
1 1
«create»
UserManager
medicineManager MedicineManager
otherActivitiesManager OtherActivitiesManager
UserManager()
addNewUser(String, String) User
changeMedicineNameInMapping(String, String) void
createMedicine(String, int, String, String, String, List<Map<String, Double>>) void
createUserMealClass() void
createUserSleepClass() void
editMedicine(String, String[]) void
getActivitySchedule(OtherActivities) Schedule
getMedicineInfo(String) String[]
getMedicineSchedule(String) Schedule
removeMeds(String[]) void
setActivityTimes(OtherActivities, List<Double>) void
medicineEntites List<Medicine>
medicineNames String[]
medicineSchedules List<Schedule>
name String
schedules List<Schedule>
user User
userName String
ScheduleManager
finalSchedule Schedule
ScheduleManager()
compileSchedule(List<Schedule>) Schedule
editScheduleTimes(Schedule, List<Map<String, Double>>) void
«create»
«create»
1 1
1 1
ManagementSystem
userDatabase HashMap<String, User>
userManager UserManager
scheduleManager ScheduleManager
prescriptionManager HashMap<String, PrescriptionMedicine>
ManagementSystem()
addMedicineToPres(String, String) void
addNewMedicine(String, int, String, String, String, List<Map<String, Double>>) void
addNewPrescription(List<String>, String) void
changePrescriptionName(String, String) void
createNewUser(String, String) void
editMedicine(String, String[], List<Map<String, Double>>) void
getMedicineInfo(String) String[]
getPrescription(String) PrescriptionMedicine
makeSchedule() String
presNameChecker(String) boolean
removeMedicineFromPres(String, String) void
removeMedicines(String[]) void
removePrescription(String) void
database Map<String, User>
mealTimes List<Double>
prescriptions String[]
prescriptionsNames List<String>
sleepAndWakeUpTimes List<Double>
userInfo List<String>


Event
Event(String, String, Map<String, Double>)
compareTo(Event) int
decimalToHourFormat() String
makeTimeStamp(String, Double) Map<String, Double>
day String
description String
hour Double
name String
timeStamp Map<String, Double>
«create»
*
1
Schedule
Schedule()
Schedule(List<Event>)
addEvent(String, String, Map<String, Double>) void
addEvent(String, String, String, double) void
addEvents(List<Event>) void
removeAllEvents() void
removeEvent(Event) void
sortEvents() Map<String, List<Event>>
sortEventsByDay() Map<String, List<Event>>
toString() String
eventDescriptions String
eventNames String
eventTimes String[]
events List<Event>
numberOfEvents int
«create»
1
1
OtherActivities
times List<Double>
schedule Schedule
OtherActivities()
createSchedule() void
mySchedule Schedule
time List<Double>
MedicineSchedule
MedicineSchedule(String, List<Event>)
medicineName String
1
1
«create»
Medicine
Medicine(String, int, String, String, String)
addMedicineSchedule(List<Map<String, Double>>) void
makeDescription() String
amount int
extraInstructions String
idNumber int
medicineInfo String[]
medicineName String
methodOfAdministration String
myMedicineSchedule MedicineSchedule
unitOfMeasurement String
Meal
Meal()
createSchedule() void
Sleep
Sleep()
createSchedule() void


Window
scanner Scanner
Window(Scanner)
userInput String[]
PrescriptionWindow
PrescriptionWindow(Scanner)
userPrescriptionInput List<String[]>
ScheduleInputWindow
ScheduleInputWindow(Scanner)
getTimes(Scanner) String[]
isNumeric(String) boolean
selectDay(Scanner) String
selectHowManyTimes(Scanner) String
selectWD(Scanner) String
DisplayEntityInformation
displayInfo(String[]) void
AppManager
managementSystem ManagementSystem
windows Map<String, Window>
accounts Map<String, String>
DAYS String[]
AppManager()
addMedicine() String
addMedicineHelper(String[]) void
addPrescription() String
createNewAccount() String
editMedicine() String
editPrescription() String
formatTimes(String[], String, String, List<Map<String, Double>>) void
getFormattedList(String, String[], int, int) String[]
logOut() void
login() String
removeMedicine() String
removePrescription() String
run(Map<String, Window>) void
setMealTimes() String
setSleepTimes() String
showAccountWindow() String
showFinalSchedule() String
showStartScreenWindow() String
prescriptionNames List<String>
*
1