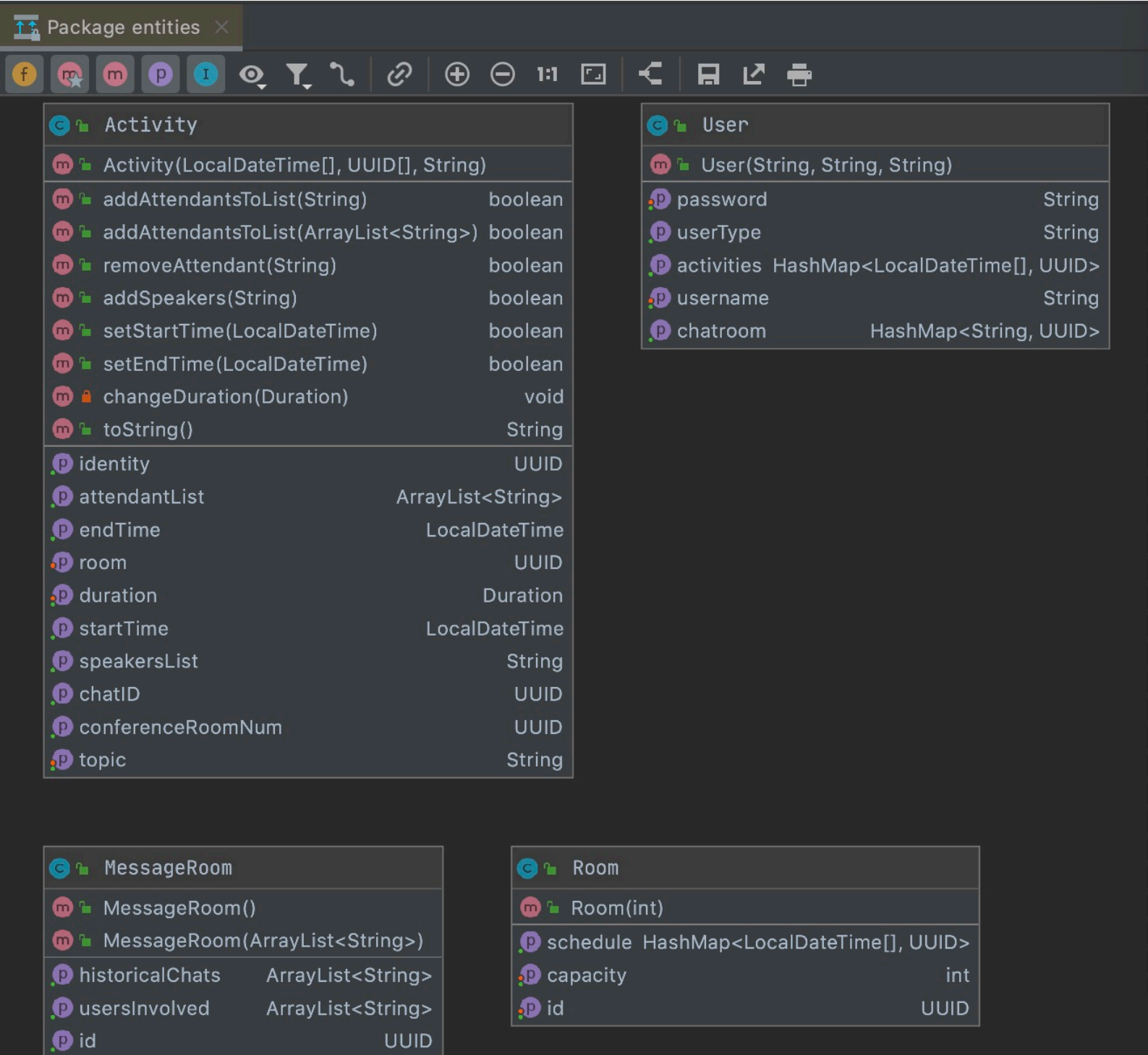


# Entities UML



# UseCases UML

Package useCases

UserManager

allUsers

num\_user

userOnAir

typeArray

userManager()

createUser(String, String)

addUser(User, String)

isUser(String, String)

checkUserIndex(String, String)

loginCheck(String, String)

contactable(String)

contacts()

schedules()

currentUsername()

isFree(LocalDateTime[])

getAllUsers()

isFree(User, LocalDateTime[])

selfAddSchedule(LocalDateTime[], UUID)

otherAddSchedule(String, LocalDateTime[], UUID)

selfAddChatroom(String, UUID)

otherAddChatroom(String, UUID)

findUser(String)

deleteActivity(LocalDateTime[])

deleteActivity(String, LocalDateTime[])

availableSpeakers(LocalDateTime[])

setpassword(String)

logout()

allAttendee()

addNewUserType()

activities

MessageRoomManager

coopRoom

conferenceChats

privateChats

messageRoomManager()

messageRoomManager(ArrayList<String>)

createChatroom(ArrayList<String>)

addUser(ArrayList<String>, UUID)

addUser(String, UUID)

removeUser(ArrayList<String>, UUID)

sendMessage(String, UUID)

sendPrivateMessage(String, UUID)

findChatroom(UUID)

getHistoricalChats(UUID)

coopId

ActivityManager

upcomingActivities

archivedActivities

activityManager()

addNewActivity(LocalDateTime[], UUID[], String)

searchActivityByUUID(String)

timeProcessing(Activity)

addSpeaker(UUID, String)

findActivity(UUID)

getConferenceChat(UUID)

viewUpcommingActivites()

addAttendant(UUID, String)

numAttendant(UUID)

removeAttendant(UUID, String)

RoomManager

rooms

roomManager()

addRoom(int)

checkRoomFullness(Integer, UUID)

findRoom(UUID)

bookRoom(LocalDateTime[], UUID, UUID)

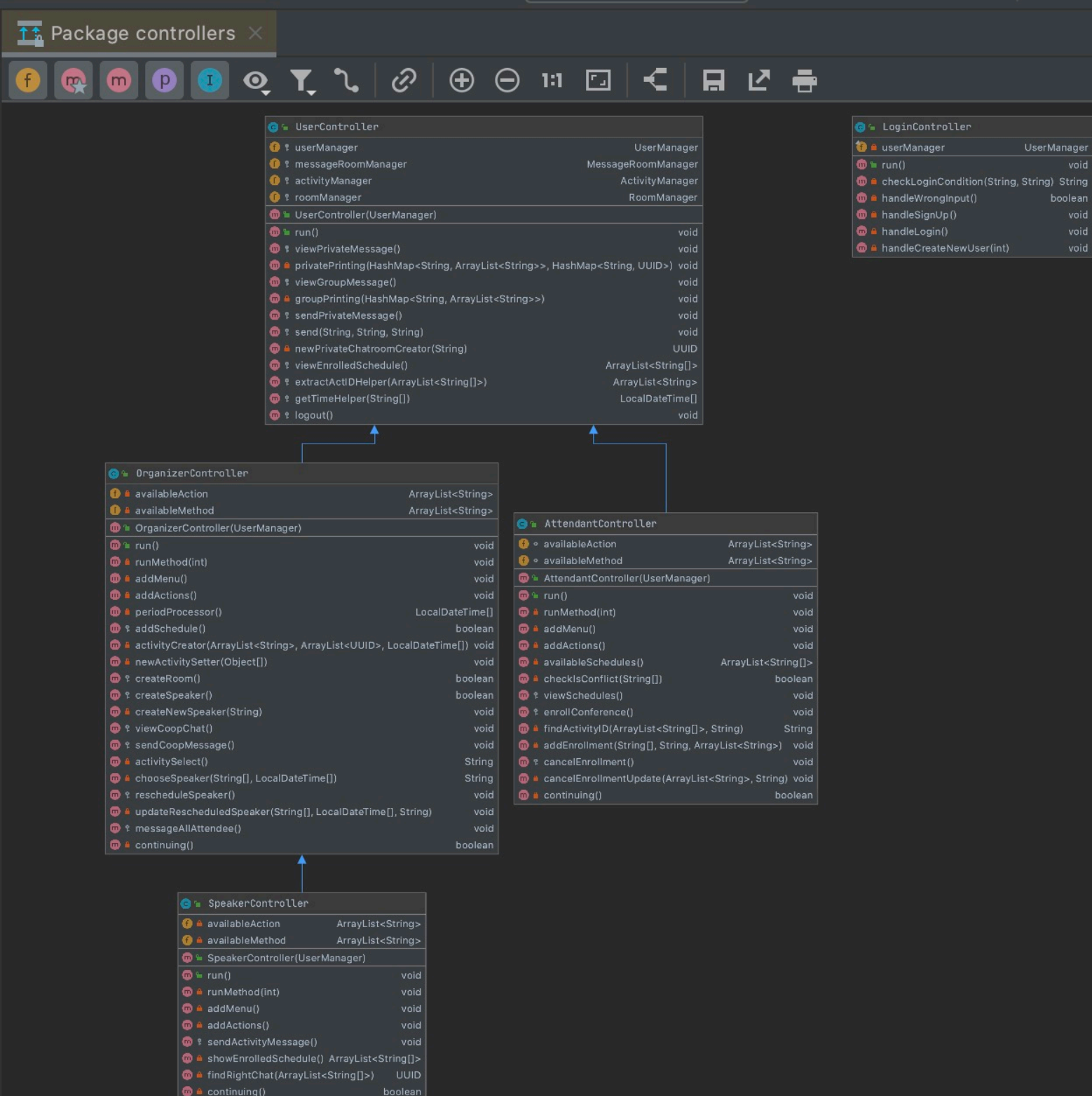
cancelRoomActivity(LocalDateTime[], UUID, UUID)

bookingAvailable(LocalDateTime[])

checkSingleRoomOK(LocalDateTime[], Room)

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# Controllers UML



# Gateways UML

