EventManager

Fields:
- allEvents : List<Event>
- allRooms : List<Room>
- formatter : DateTimeFormatter
- timeFormatter : DateTimeFormatter
- firstHour : LocalTime
- lastHour : LocalTime

Methods:
- getAllEventNames() : List<String>
- getVipEventNames() : List<String>
- getAttendeeEventNames() : List<String>
- getEventCapacity(String) : int
- getAllRooms() : List<Room>
- eventIsFull(String) : boolean
- makeNewEvents(String, String, String, int, int, String, boolean) Event
- getAttendeesOfEvent(String) : List<String>
- removeFromEventList(String) : List<String>
- getSpeakersOfEvent(String) : List<String>
- getOrganizer(String) : String
- roomNumbered(int) : Room
- eventNamed(String) : Event
- getRoomNumber(String) : int
- cancelEvent(String) : boolean
- addToAllRooms(Room) : void
- removeFromAllRooms(Room) : void
- addToAttendeeList(String, String) : boolean
- removeFromAttendeeList(String, String) : boolean
- eventListTime(List<String>) : List<LocalDateTime>
- addSpeaker(String, String) : boolean
- removeSpeaker(String, Event) : boolean
- thisRoomNo(int) : Room
- getRoomCapacity(int) : int
- getEventTime(String) : LocalDateTime
- canSchedule(String, int) : boolean
- openNewRoom(int) : boolean
- isExistingRoom(int) : boolean
- isExclusive(String) : boolean
- rescheduleEvent(String, String, String, int, int) : void
- serialize() : boolean
- deserialize() : boolean
- modifyRoomCapacity(int, int) : void
- getAllRoomsInString() : List<String>
- getEventInfo(String) : String
- futureEvent(String) : boolean
- getAllEventsOfDay(String) : List<String>
- possibleCapacity(int, int) : boolean
- setEventCapacity(String, int) : void

UserManager

Fields:
- userList : List<User>
- currentUser : User

Methods:
- getUserList() : List<User>
- addUserList(User) : void
- setCurrentUser(String) : boolean
- getCurrentUserId() : String
- getCurrentUserName() : String
- cancelEvent(String) : boolean
- getUserEvents(String) : List<String>
- getCurrentUserEvents() : List<String>
- addToEventList(String) : boolean
- addToUserEventList(String, User) : boolean
- removeFromUserEventList(String, User) : boolean
- removeFromEventList(String) : boolean
- isUniqueId(String) : boolean
- authenticate(String, String) : boolean
- getFriends(String) : List<String>
- removeFriend(int, String) : boolean
- userNameIs(User) : String
- getUserType(String) : String
- userIded(String) : User
- userNameTold(String) : String
- isExistingUser(String) : boolean
- userIdToName(String) : String
- addFriend(String, String) : boolean
- isCurrentUserSpeaker() : boolean
- getArchivedList() : List<String>
- addToArchived(String) : boolean
- serialize() : void
- deserialize() : void

SpeakerManager

Fields:
- userManager : UserManager

Methods:
- speakerExists(String) : boolean
- newSpeaker(String, String, String) : boolean
- speakerNamed(String) : Speaker
- updateTalkList(String, String) : boolean
- removeListTalks(String, String) : boolean

VipManager

Fields:
- userManager : UserManager
- vipIdList : List<String>
- vipCodeList : List<String>

Methods:
- newVip(String, String, String, String) : boolean
- newVip(String, String, String) : boolean
- isEnrolled(String) : boolean
- isValidCode(String, String) : boolean
- addNewCode(String, String) : boolean
- serialize() : void
- deserialize() : void

OrganizerManager

Fields:
- userManager : UserManager

Methods:
- newOrganizer(String, String, String) : boolean

AttendeeManager

Fields:
- userManager : UserManager

Methods:
- newAttendee(String, String, String) : boolean
- isEnrolled(String) : boolean

MessageManager

Fields:
- allMessageList : List<Message>

Methods:
- findAChatRoom(String, String) : Message
- getEveryOpponent(String) : List<String>
- getMessageContent(String, String) : List<String>
- getMessageTime(String, String) : List<LocalDateTime>
- getMessageFrom(String, String) : List<String>
- sendPrivateMessage(String, String, String) : void
- sendEventMessage(String, List<String>, String) : void
- getNumUnread(String, String) : int
- read(String, String) : void
- changeContent(String, String, int, String) : void
- serialize() : boolean
- deserialize() : boolean