

RoomManager	
rooms	List<Room>
events	List<String>
eventsMap	Map<String, List<String>>
RoomManager()	
createRoom(String)	boolean
loadRoom(String, String)	void
isFull(String)	boolean
changeIdTONum(String)	String
changeNumTOID(String)	String
addEventToRoom(String, String)	void
getRoomBasedOnItsID(String)	Room
getAvailableRoom(String, EventManager)	ArrayList<String>
allRoomNum	ArrayList<String>
allRoomID	ArrayList<String>

EventManager	
EventManager()	
createEvent(String, String, String, String)	Event
loadEvent(String, String, String, String, String, ArrayList<String>, RoomManager)	Event
addAttendeeToEvent(String, String, RoomManager)	boolean
getAttendeesFromEvent(String)	ArrayList<String>
getEventFromID(String)	Event
removeAttendeeFromEvent(String, String, RoomManager)	boolean
getAllEventForTheAttendee(String)	ArrayList<String>
getAllEventForTheSpeaker(String)	ArrayList<String>
changeEventTitleIntoEventID(String)	String
generateFormattedStartTime(String)	String
generateFormattedEventInfo(String)	String
allIDAndName	ArrayList<ArrayList<String>>
allEvent	List<Event>

userManager	
users	List<User>
validNewName(String)	boolean
reset()	void
validNewEmail(String)	boolean
validLogin(String, String)	String
getUserType(String, String)	String
getUserType(String)	String
getUserEmail(String)	String
getUserPassword(String)	String
UsersidsGetter()	List<String>
addFriend(String, String)	boolean
friendListGetter(String)	ArrayList<String>
userListGetter()	ArrayList<String>
getUserName(String)	String
getUserIdFromName(String)	String
getUserNameFromID(String)	String

AttendeeManager	
AttendeeManager()	
createAttendee(String, String, String)	void
loadAttendee(String, String, String, String)	void
signUp(EventManager, String, String, RoomManager)	boolean
cancel(EventManager, String, String, RoomManager)	boolean
attendees	List<Attendee>

SpeakerManager	
speakers	List<Speaker>
SpeakerManager()	
createSpeaker(String, String, String)	void
loadSpeaker(String, String, String, String)	void
validLogin(String, String)	String
getAllAvailableSpeaker(String, EventManager)	ArrayList<String>
getIdFromName(String)	String
getSpeakerNameFromID(String)	String

OrganizerManager	
organizers	List<Organizer>
OrganizerManager()	
createOrganizer(String, String, String)	void
loadOrganizer(String, String, String, String)	void

ConversationManager	
conversations	HashMap<HashSet<String>, Conversation>
currentConversation	Conversation
ConversationManager()	
createConversation(String, String)	void
existConversation(HashSet<String>)	boolean
currentConversationSetter(HashSet<String>)	void
sendMessage(String, String)	void
getUserConversations(String)	ArrayList<String[]>
conversationsGetter()	HashMap<HashSet<String>, Conversation>
getUserIds(Conversation)	HashSet<String>
addConversation(HashSet<String>, Conversation)	void
messagesOfCurrentConversation	ArrayList<String[]>