

Event	
m toString()	String
p organizerID	String
p maxAttendee	int
p id	int
p roomID	int
p date	LocalDate
p attendeesIDs	ArrayList<String>
p speaker_id	ArrayList<String>
p time	LocalTime
p durationInHour	int
p currentEnrollment	int
p topic	String



NormalEvent	
m NormalEvent(String, String, int, int, int, int, int, int, int, int)	
m toString()	String
p organizerID	String
p maxAttendee	int
p id	int
p roomID	int
p date	LocalDate
p attendeesIDs	ArrayList<String>
p speaker_id	ArrayList<String>
p time	LocalTime
p durationInHour	int
p currentEnrollment	int
p topic	String

VipEvent	
m VipEvent(String, String, int, int, int, int, int, int, int, int)	
m toString()	String
p organizerID	String
p maxAttendee	int
p id	int
p roomID	int
p date	LocalDate
p attendeesIDs	ArrayList<String>
p speaker_id	ArrayList<String>
p time	LocalTime
p durationInHour	int
p currentEnrollment	int
p topic	String

User	
m User()	
m setSecurityQus(String, String)	void
p name	String
p securityQus	Hashtable<String, String>
p password	String
p friendlist	ArrayList<String>
p id	String



Attendee	
m Attendee(String, String)	
m setSecurityQus(String, String)	void
m addEvent(String)	void
m change_status(boolean)	void
p name	String
p securityQus	Hashtable<String, String>
p password	String
p id	int
p friendList	ArrayList<String>
p friendlist	ArrayList<String>
p _vipstatus	boolean
p eventSignUp	ArrayList<String>

Organizer	
m Organizer(String, String)	
m setSecurityQus(String, String)	void
m addEvent(String)	void
m removeEvent(String)	void
p name	String
p securityQus	Hashtable<String, String>
p eventOrganized	ArrayList<String>
p password	String
p id	int
p friendList	ArrayList<String>
p friendlist	ArrayList<String>

Speaker	
m Speaker(String, String)	
m addEvent(String)	boolean
m setSecurityQus(String, String)	void
m removeEvent(String)	boolean
p name	String
p securityQus	Hashtable<String, String>
p password	String
p id	int
p friendList	ArrayList<String>
p friendlist	ArrayList<String>
p eventSpoke	ArrayList<String>

Message	
m Message(String, String, String, String, String)	
m setHasRead()	void
m setAsUnread()	void
p content	String
p senderId	String
p recipientId	String
p senderName	String
p dateTime	LocalDateTime
p hasRead	boolean
p recipientName	String

Room	
m Room(int)	
m addEvent(String, LocalDateTime, LocalDateTime)	void
m removeEvent(String, LocalDateTime, LocalDateTime)	void
p roomId	int
p roomUsingEndingTime	Hashtable<String, LocalDateTime>
p roomCapacity	int
p schedule	Hashtable<LocalDateTime, String>

UserRequest	
m UserRequest(String, String)	
m address()	void
p senderId	String
p message	String
p status	String