



































































































































ActFactory		
 	userHashMap	HashMap<String, User>
  ActFactory()		
 	createUser(String, String, String, String)	boolean
 	login(String, String)	boolean
 	getUser(String)	User
 	signUp(String, Integer)	void
 	getEvents(String)	ArrayList<Integer>
 	givenEvents(String, String)	ArrayList<Integer>
 	removeFromEvent(String, int)	void
 	checkUsernameTaken(String)	boolean
 	checkLikedEvents(String)	ArrayList<Integer>
 	likeEvent(String, int)	void
 	checkAccess(String)	String
 	changeAccess(String, String)	void
 	allEventList(String)	HashMap<String, ArrayList<Integer>>
 	giveEvent(String, Integer, String)	void
 	cancelEvent(String, Integer, String)	void
 	speakerList()	ArrayList<String>
 	organizerList()	ArrayList<String>
 	attendeelList()	ArrayList<String>

MessageManager		
 	allMessages	ArrayList<MessageBox>
  MessageManager()		
 	createMessageBox(String)	void
 	getMessageBox(String)	MessageBox
 	seeMessageFromOne(String, String, String)	void
 	seeUnreadMessage(String, String)	void
 	MarkAsUnread(String, int, String, String)	void
 	archiveMessage(String, int, String)	void
 	deleteMessage(String, int, String, String)	void
 	sendMessage(String, String, String)	void
 	getAllContacts(String)	Set<String>
 	getContacts(String, String)	Set<String>
 	getMessage(String, int, String, String)	String

EventFactory		
 	allEvents	ArrayList<Event>
  EventFactory()		
 	createEvent(String, Date, int, ArrayList<String>, int, String, ArrayList<String>)	int
 	cancelEvent(int)	void
 	getEvent(int)	Event
 	addAttendee(String, int)	void
 	cancelSpot(String, int)	void
 	checkAccess(int)	String
 	speakerOfEvent(int)	ArrayList<String>
 	containSpeaker(int, String)	boolean
 	allEvents	ArrayList<Integer>

RoomManager		
 	allRooms	ArrayList<Room>
  RoomManager()		
 	createRoom(int, ArrayList<String>)	void
 	getRoom(int)	Room
 	getMaxCapacity(int)	Integer
 	seeSchedule(int, String)	ArrayList<Integer>
 	suggestedRooms(int, List<String>)	ArrayList<Integer>
 	book(Integer, Integer, String)	void
 	cancel(Integer, Integer, String)	void

CaLendarManager		
 	allCalendars	ArrayList<Calendar>
  CalendarManager()		
 	getCalendar(String)	Calendar
 	getAvailable(String, List<Integer>)	List<Date>
 	newEvent(String, Date, int)	void
 	cancelEvent(String, Date, int)	void

RequestManager		
 	allRequests	List<Request>
  RequestManager()		
 	createRequest(String, String)	void
 	tag(int)	void
 	getRequest(int)	Request
 	getAllRequests()	void