

ITalkManager	
getDatesOfTalks(List<Integer>)	List<List<String>>
getAttendees(List<Integer>)	List<Integer>
addTalk(String, String, String, String, String, int, int)	int
addParty(String, String, String, String, String, int, int)	int
addPanelDiscussion(String, int, String, String, String, String, int, int, int)	void
addSpeakerToPanelDiscussion(int, int)	void
printTalk(int)	String
checkIfUserSignedUpForATalk(int, int)	boolean
addAttendeeToATalk(int, int)	boolean
removeAttendeeFromATalk(int, int)	boolean
getNumAttendeesByTalkID(int)	int
getRoomIDByTalkID(int)	int
isTalkExisting(int)	boolean
getSpeakerIDByTalkID(int)	int
getTalkSchedule(int)	String
getTimeByTalkID(int)	String
getDateByTalkID(int)	String
getEndDateByTalkID(int)	String
getStartTimeByTalkID(int)	String
getEndTimeByTalkID(int)	String
getEventCapacityByTalkID(int)	int
modifyTalk(int, String, int, String, String, String, int, int)	int
modifyParty(int, String, String, String, String, String, int, int)	int
modifyPanelDiscussion(int, String, String, String, String, String, int, int)	int
getEventsByDate(String)	List<Integer>
getEventsByTime(String, String)	List<Integer>
getEventsByTitle(String)	List<Integer>
getSpeakerIDListByTalkID(int)	List<Integer>
getOrgEvents(int)	List<NullSpeakerTalk>
getOrgTalkRows(List<NullSpeakerTalk>)	List<List<String>>
deleteEventByID(int)	int
getAttendeesOfTheEvent(int)	List<Integer>
getTalkScheduleRowsByIDs(List<Integer>)	List<List<String>>
filterTalksFromIDs(List<Integer>)	List<Integer>
unexpiredTalkIDs	List<Integer>
panelDiscussionIDs	List<Integer>
allParties	List<Integer>
allPanelDiscussions	List<Integer>

TalkManager	
talksIDNum	int
talkManager()	
toString()	String
getDatesOfTalks(List<Integer>)	List<List<String>>
getAttendees(List<Integer>)	List<Integer>
addTalk(String, int, String, String, String, String, int, int)	int
addParty(String, String, String, String, String, String, int, int)	int
addPanelDiscussion(String, int, String, String, String, String, int, int, int)	void
addSpeakerToPanelDiscussion(int, int)	void
printTalk(int)	String
checkIfUserSignedUpForATalk(int, int)	boolean
addAttendeeToATalk(int, int)	boolean
removeAttendeeFromATalk(int, int)	boolean
getNumAttendeesByTalkID(int)	int
getRoomIDByTalkID(int)	int
isTalkExisting(int)	boolean
getEventsByDate(String)	List<Integer>
getEventsByTime(String, String)	List<Integer>
getEventsByTitle(String)	List<Integer>
isDateTimePast(String)	boolean
getSpeakerIDByTalkID(int)	int
getTalkSchedule(int)	String
getTimeByTalkID(int)	String
getDateByTalkID(int)	String
getEndDateByTalkID(int)	String
getStartTimeByTalkID(int)	String
getEndTimeByTalkID(int)	String
getEventCapacityByTalkID(int)	int
modifyTalk(int, String, int, String, String, String, String, int, int)	int
modifyParty(int, String, String, String, String, String, String, int, int)	int
modifyPanelDiscussion(int, String, String, String, String, String, String, int, int)	int
buildTalkRow(NullSpeakerTalk)	List<String>
getTalkScheduleRowsByIDs(List<Integer>)	List<List<String>>
getEmptyTalks()	List<NullSpeakerTalk>
deleteEmptyTalkByID(int)	int
getSpeakerIDListByTalkID(int)	List<Integer>
getOrgEvents(int)	List<NullSpeakerTalk>
getOrgTalkRows(List<NullSpeakerTalk>)	List<List<String>>
deleteEventByID(int)	int
getAttendeesOfTheEvent(int)	List<Integer>
filterTalksFromIDs(List<Integer>)	List<Integer>
unexpiredTalkIDs	List<Integer>
panelDiscussionIDs	List<Integer>
allParties	List<Integer>
allTalkRows	List<List<String>>
emptyTalkRows	List<List<String>>
allTalks	Map<Integer, NullSpeakerTalk>
allPanelDiscussions	List<Integer>

IRoomManager	
getTalksGivenInRoom(int)	List<Integer>
getRoomCapacityByID(int)	int
addRoom(String, int, List<String>, List<String>)	int
printRoom(int)	String
getRoomNameByID(int)	String
addTalkToRoom(int, int)	boolean
isNameExisting(String)	boolean
getSuggestedRoomIDs(int, List<String>, List<String>)	List<Integer>
hasBiggestRoom(int)	boolean
biggestRoomCapacity()	int
maxTechRequirementsRoom(int)	int
maxRoomConditionsRoom(int)	int
modifyTalkRoom(int, int)	void
removeTalkFromRoom(int, int)	int

RoomManager	
AllRooms	ArrayList<Room>
totalNum	int
RoomManager()	
getTalksGivenInRoom(int)	List<Integer>
getRoomCapacityByID(int)	int
addRoom(String, int, List<String>, List<String>)	int
printRoom(int)	String
getSuggestedRoomIDs(int, List<String>, List<String>)	List<Integer>
hasBiggestRoom(int)	boolean
biggestRoomCapacity()	int
getRoomNameByID(int)	String
addTalkToRoom(int, int)	boolean
isNameExisting(String)	boolean
maxTechRequirementsRoom(int)	int
maxRoomConditionsRoom(int)	int
modifyTalkRoom(int, int)	void
removeTalkFromRoom(int, int)	int
allRoomsInfo()	String
buildRoomRow(Room)	List<String>
allRooms	Map<Integer, Room>
allRoomIDsAndNames	Map<Integer, String>
allRoomRows	List<List<String>>

ChatHistory	
ChatHistory(int, List<Integer>, List<Message>)	
recordMessage(Message)	void
messageHistory	List<Message>
chatID	int
members	List<Integer>

IMessageManager	
createMessage(int, String, int, String, String, Timestamp)	Message
removeMessage(int)	void
archiveMessage(int)	void
allMessageRows	List<List<String>>
unread	List<Message>
messageUnread	int
archived	List<Message>
message	List<Message>

MessageManager	
nextID	int
MessageManager()	
createMessage(int, String, int, String, String, Timestamp)	Message
getMessageByID(int)	Message
isMessageArchived(int)	boolean
isMessageUnread(int)	boolean
archiveMessage(int)	void
deleteMessageByID(int)	int
deleteMessagesByIDs(List<Integer>)	int
removeMessage(int)	void
printMessageByID(int)	String
isMessageExisting(int)	boolean
getMessagesByUsername(String)	List<List<String>>
getMessagesByKeywords(String)	Map<Integer, List<String>>
iterator()	Iterator<Message>
allMessageRows	List<List<String>>
unread	List<Message>
numAllMessages	int
messageUnread	int
archived	List<Message>
message	List<Message>

MessageManagerIterator	
current	int
hasNext()	boolean
next()	Message
remove()	void

ISpeakerManager	
getTalksGivenBySpeaker(int)	List<Integer>
addSpeaker(String, String, String)	int
printSpeaker(int)	String
addTalkToSpeaker(int, int)	boolean
getSpeakerNameByID(int)	String
isUsernameExisting(String)	boolean
modifyTalkSpeaker(int, int)	void
cancelTalkForSpeaker(int, int)	int
allSpeakers	List<Integer>
allSpeakerIDsAndNames	Map<Integer, String>

SpeakerManager	
nextID	int
listOfSpeakers	ArrayList<Speaker>
SpeakerManager()	
getTalksGivenBySpeaker(int)	List<Integer>
addSpeaker(String, String, String)	int
printSpeaker(int)	String
addTalkToSpeaker(int, int)	boolean
getSpeakerNameByID(int)	String
isUsernameExisting(String)	boolean
modifyTalkSpeaker(int, int)	void
cancelTalkForSpeaker(int, int)	int
allSpeakerInfo()	String
allSpeakers	List<Integer>
allSpeakerIDsAndNames	Map<Integer, String>

User	
password	String
contacts	List<Integer>
User(int, String, String, String)	void
addContact(int)	void
name	String
username	String
id	int

Admin	
Admin(int, String, String, String)	String
toString()	String

Attendee	
talksToListen	ArrayList<Integer>
Attendee(int, String, String, String)	
addTalkToListen(int)	void
removeTalkToListen(int)	void
toString()	String
talksToListen	ArrayList<Integer>

Speaker	
talksToListen	List<Integer>
Speaker(int, String, String, String)	
addTalkToGive(int)	void
addTalkToListen(int)	void
toString()	String
talksToGive	List<Integer>

Message	
Message(int, int, String, int, String, String, Timestamp)	
toString()	String
receiverName	String
receiverID	int
senderName	String
timestamp	Timestamp
text	String
messageID	int
senderID	int

IAttendeeManager	
signUpAttendeeForATalk(int, int)	boolean
cancelATalkForAttendee(int, int)	boolean
printAttendee(int)	String
addAttendee(String, String, String)	int
getSignedUpTalks(int)	ArrayList<Integer>
allAttendees	List<Attendee>

AttendeeManager	
listOfAttendees	ArrayList<Attendee>
nextID	int
AttendeeManager()	
signUpAttendeeForATalk(int, int)	boolean
printAttendee(int)	String
cancelATalkForAttendee(int, int)	boolean
addAttendee(String, String, String)	int
getSignedUpTalks(int)	ArrayList<Integer>
allAttendees	List<Attendee>

RequestManager	
nextID	int
RequestManager()	
addRequest(String, int, int)	int
tagRequest(int, String)	void
checkExist(int)	boolean
allRequests	Map<Integer, Request>

Organizer	
talksToListen	ArrayList<Integer>
Organizer(int, String, String, String)	
addTalkToListen(int)	void
toString()	String

Room	
Room(int, String, int, List<String>, List<String>)	
addTalk(int)	void
getTechRequirements()	String
toString()	String
capacity	int
name	String
techRequirementsList	List<String>
roomConditions	String
talks	List<Integer>
id	int
roomConditionsList	List<String>

Request	
Request(int, String, String, String, int, int)	
toString()	String
description	String
requestID	int
status	String
attendeeID	int
talkID	int
timestamp	String

MultiSpeakerTalk	
speakerIDs	List<Integer>
MultiSpeakerTalk(int, String, int, String, String, String, String, int, int)	
MultiSpeakerTalk(int, String, int, String, String, String, String, int, int)	
addSpeaker(int)	void
toString()	String
speakerIDs	List<Integer>

NullSpeakerTalk	
NullSpeakerTalk(int, String, String, String, String, String, int, int)	
NullSpeakerTalk(int, String, String, String, String, String, int, int)	
addAttendee(int)	void
toString()	String
capacity	int
orgID	Integer
title	String
startTime	String
endTime	String
dateTimeStr	List<String>
attendees	List<Integer>
date	String
id	int
endTime	String
roomID	int

IAdminManager	
addAdmin(String, String, String)	int
printAdmin(int)	String

AdminManager	
nextID	int
listOfAdmins	ArrayList<Admin>
AdminManager()	
addAdmin(String, String, String)	int
printAdmin(int)	String

OrganizerManager	
nextID	int
listOfOrganizers	ArrayList<Organizer>
OrganizerManager()	
addOrganizer(String, String, String)	int
printOrganizer(int)	String

RoomManager	
AllRooms	ArrayList<Room>
totalNum	int
RoomManager()	
getTalksGivenInRoom(int)	List<Integer>
getRoomCapacityByID(int)	int
addRoom(String, int, List<String>, List<String>)	int
printRoom(int)	String
getSuggestedRoomIDs(int, List<String>, List<String>)	List<Integer>
hasBiggestRoom(int)	boolean
biggestRoomCapacity()	int
getRoomNameByID(int)	String
addTalkToRoom(int, int)	boolean
isNameExisting(String)	boolean
maxTechRequirementsRoom(int)	int
maxRoomConditionsRoom(int)	int
modifyTalkRoom(int, int)	void
removeTalkFromRoom(int, int)	int
allRoomsInfo()	String
buildRoomRow(Room)	List<String>
allRooms	Map<Integer, Room>
allRoomIDsAndNames	Map<Integer, String>
allRoomRows	List<List<String>>

ChatHistory	
ChatHistory(int, List<Integer>, List<Message>)	
recordMessage(Message)	void
messageHistory	List<Message>
chatID	int
members	List<Integer>

MessageManager	
nextID	int
MessageManager()	
createMessage(int, String, int, String, String, Timestamp)	Message
getMessageByID(int)	Message
isMessageArchived(int)	boolean
isMessageUnread(int)	boolean
archiveMessage(int)	void
deleteMessageByID(int)	int
deleteMessagesByIDs(List<Integer>)	int
removeMessage(int)	void
printMessageByID(int)	String
isMessageExisting(int)	boolean
getMessagesByUsername(String)	List<List<String>>
getMessagesByKeywords(String)	Map<Integer, List<String>>
iterator()	Iterator<Message>
allMessageRows	List<List<String>>
unread	List<Message>
numAllMessages	int
messageUnread	int
archived	List<Message>
message	List<Message>

SpeakerManager	
nextID	int
listOfSpeakers	ArrayList<Speaker>
SpeakerManager()	
getTalksGivenBySpeaker(int)	List<Integer>
addSpeaker(String, String, String)	int
printSpeaker(int)	String
addTalkToSpeaker(int, int)	boolean
getSpeakerNameByID(int)	String
isUsernameExisting(String)	boolean
modifyTalkSpeaker(int, int)	void
cancelTalkForSpeaker(int, int)	int
allSpeakerInfo()	String
allSpeakers	List<Integer>
allSpeakerIDsAndNames	Map<Integer, String>

AttendeeManager	
listOfAttendees	ArrayList<Attendee>
nextID	int
AttendeeManager()	
signUpAttendeeForATalk(int, int)	boolean
printAttendee(int)	String
cancelATalkForAttendee(int, int)	boolean
addAttendee(String, String, String)	int
getSignedUpTalks(int)	ArrayList<Integer>
allAttendees	List<Attendee>

IAttendeeManager	
signUpAttendeeForATalk(int, int)	boolean
cancelATalkForAttendee(int, int)	boolean
printAttendee(int)	String
addAttendee(String, String, String)	int
getSignedUpTalks(int)	ArrayList<Integer>
allAttendees	List<Attendee>

AttendeeManager	
listOfAttendees	ArrayList<Attendee>
nextID	int
AttendeeManager()	
signUpAttendeeForATalk(int, int)	boolean
printAttendee(int)	String
cancelATalkForAttendee(int, int)	boolean
addAttendee(String, String, String)	int
getSignedUpTalks(int)	ArrayList<Integer>
allAttendees	List<Attendee>

RequestManager	
nextID	int
RequestManager()	
addRequest(String, int, int)	int
tagRequest(int, String)	void
checkExist(int)	boolean
allRequests	Map<Integer, Request>

Organizer	
talksToListen	ArrayList<Integer>
Organizer(int, String, String, String)	
addTalkToListen(int)	void
toString()	String

Room	
Room(int, String, int, List<String>, List<String>)	
addTalk(int)	void
getTechRequirements()	String
toString()	String
capacity	int
name	String
techRequirementsList	List<String>
roomConditions	String
talks	List<Integer>
id	int
roomConditionsList	List<String>

Request	
Request(int, String, String, String, int, int)	
toString()	String
description	String
requestID	int
status	String
attendeeID	int
talkID	int
timestamp	String

MultiSpeakerTalk	
speakerIDs	List<Integer>
MultiSpeakerTalk(int, String, int, String, String, String, String, int, int)	
MultiSpeakerTalk(int, String, int, String, String, String, String, int, int)	
addSpeaker(int)	void
toString()	String
speakerIDs	List<Integer>

NullSpeakerTalk	
NullSpeakerTalk(int, String, String, String, String, String, int, int)	
NullSpeakerTalk(int, String, String, String, String, String, int, int)	
addAttendee(int)	void
toString()	String
capacity	int
orgID	Integer
title	String
startTime	String
endTime	String
dateTimeStr	List<String>
attendees	List<Integer>
date	String
id	int
endTime	String
roomID	int

IAdminManager	
addAdmin(String, String, String)	int
printAdmin(int)	String

AdminManager	
nextID	int
listOfAdmins	ArrayList<Admin>
AdminManager()	
addAdmin(String, String, String)	int
printAdmin(int)	String

OrganizerManager	
nextID	int
listOfOrganizers	ArrayList<Organizer>
OrganizerManager()	
addOrganizer(String, String, String)	int
printOrganizer(int)	String

RoomManager	
AllRooms	ArrayList<Room>
totalNum	int
RoomManager()	
getTalksGivenInRoom(int)	List<Integer>
getRoomCapacityByID(int)	int
addRoom(String, int, List<String>, List<String>)	int
printRoom(int)	String
getSuggestedRoomIDs(int, List<String>, List<String>)	List<Integer>
hasBiggestRoom(int)	boolean
biggestRoomCapacity()	int
getRoomNameByID(int)	String
addTalkToRoom(int, int)	boolean

AdminController		
lowerBoundTime	String	
higherBoundTime	String	
talkManager	ITalkManager	
speakerManager	ISpeakerManager	
roomManager	IRoomManager	
attendeeManager	IAttendeeManager	
organizerManager	IOrganizerManager	
adminManager	IAdminManager	
generalGateway	SerializableGateway	
registerController	RegisterController	
loginController	LoginController	
AdminController(ITalkManager, ISpeakerManager, IRoomManager, String, String, SerializableGateway, RegisterController, LoginController, IAttendeeManager, IOrganizerManager, IAdminManager)		
addAttendee(String, String, String)	int	
addSpeaker(String, String, String)	int	
addOrganizer(String, String, String)	int	
addAdmin(String, String, String)	int	
addRoom(String, int, List<String>, List<String>)	int	
scheduleTalk(String, int, int, String, String, String, String, int)	int	
modifyTalk(int, String, int, int, String, String, String, String, int)	int	
modifyParty(int, String, int, String, String, String, String, int)	int	
modifyPanelDiscussion(int, String, int, String, String, String, String, int)	int	
scheduleParty(String, int, String, String, String, String, int, int)	int	
schedulePanelDiscussion(String, int, int, String, String, String, String, int)	int	
addSpeakerToPanelDiscussion(int, int)	int	
isSpeakerAvailableToModify(int, int, String, String, String, String)	boolean	
isRoomAvailableToModify(int, int, String, String, String, String)	boolean	
isSpeakerAvailable(int, String, String, String, String)	boolean	
isRoomAvailable(int, String, String, String, String)	boolean	
getTimeStr(String, String)	String	
hasTimeConflict(List<List<String>>, String, String)	boolean	
isDateTimeOverlapping(String, String, String, String)	boolean	
deleteEventById(int)	Map<String, Integer>	

ClassCollection		
signUpController	SignUpController	
loginController	LoginController	
messagingController	MessagingController	
adminController	AdminController	
adminUserController	AdminUserController	
requestController	RequestController	
talkManager	TalkManager	
roomManager	RoomManager	
speakerManager	SpeakerManager	
attendeeManager	AttendeeManager	
messageManager	MessageManager	
organizerManager	OrganizerManager	
requestManager	RequestManager	
adminManager	IAdminManager	
textPresenter	TextPresenter	
ClassCollection(SignUpController, LoginController, MessagingController, AdminController, AdminUserController, RequestController, TalkManager, RoomManager, SpeakerManager, AttendeeManager, OrganizerManager, AdminManager, MessageManager, RequestManager, TextPresenter)		

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MessagingController		
messageManager	IMessageManager	
talkManager	ITalkManager	
speakerManager	ISpeakerManager	
attendeeManager	IAttendeeManager	
messagePresenter	MessageInputController	
classCollection	ClassCollection	
context	String	
MessagingController(IMessageManager, ITalkManager, ISpeakerManager, IAttendeeManager)		
handleInput(String, int, String, Object)	void	
sendMessage(String, List<String>)	void	
getMessage(int, String)	List<Message>	
getArchivedMessages(int, String)	List<Message>	
getUnreadMessages(int, String)	List<Message>	
markMessageAsUnread(int)	void	
archiveMessage(int)	void	
reply(int, String, String)	void	
checkExist(String, String)	boolean	
deleteMessage(int)	void	

RegisterController		
speakerManager	SpeakerManager	
attendeeManager	AttendeeManager	
userGateway	UserGateway	
RegisterController(SpeakerManager, AttendeeManager)		
register(String, String, String, String)	boolean	
duplicateUsername(String)	boolean	

RequestController		
requestManager	RequestManager	
RequestController(RequestManager)		
createRequest(String, int, int)	String	
printAllRequests()	String	
markRequest(int, int)	String	
printOneRequest(int)	String	
reviewRequest(int)	String	
printRequestsByUser(int)	String	
checkExist(int)	boolean	
saveManager()	void	
request	String	

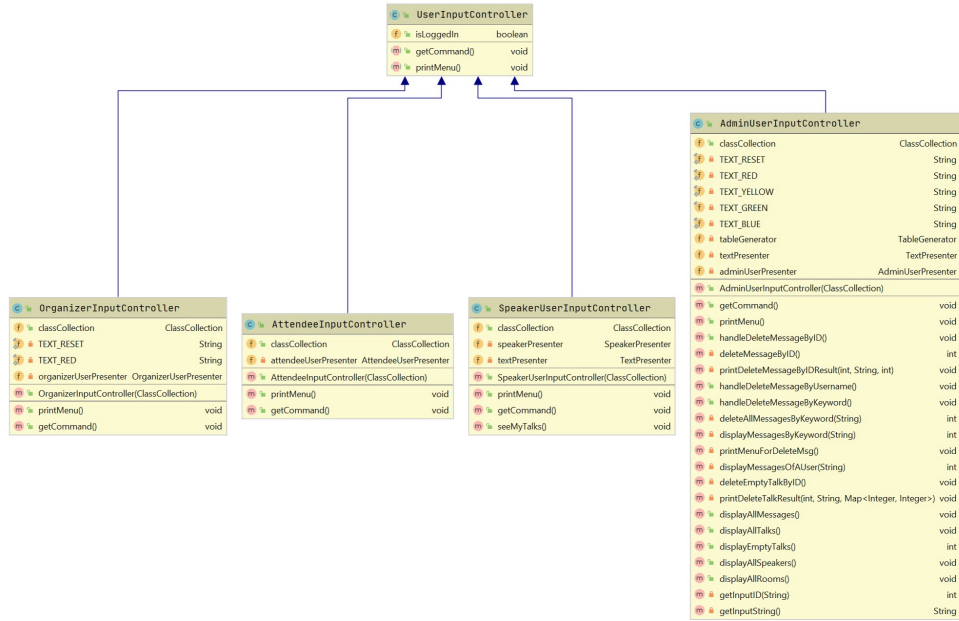
LoginController		
userGateway	UserGateway	
login(String, String)	boolean	
setUserType(String, String)	void	
userType	String	
userid	int	

MainController		
TEXT_RESET	String	
TEXT_RED	String	
TEXT_YELLOW	String	
main(String[])	void	
conferenceSystemRunner()	void	

AdminUserController		
messageManager	MessageManager	
generaGateway	SerializableGateway	
talkManager	TalkManager	
speakerManager	SpeakerManager	
roomManager	RoomManager	
AdminUserController(MessageManager, SerializableGateway, TalkManager, SpeakerManager, RoomManager)		
deleteMessageById(int)	int	
deleteEmptyTalkById(int)	Map<Integer, Integer>	

SignUpController		
talkManager	ITalkManager	
attendeeManager	IAttendeeManager	
roomManager	IRoomManager	
speakerManager	ISpeakerManager	
generalGateway	SerializableGateway	
SignUpController(ITalkManager, IAttendeeManager, IRoomManager, ISpeakerManager, SerializableGateway)		
downloadEvents(List<Integer>)	void	
filterEvents(String, String)	List<Integer>	
singUpForTalk(int, int)	boolean	
cancelTalk(int, int)	boolean	
checkAvailableSpace(int)	boolean	
sortTalkIDbYTime(List<Integer>)	List<Integer>	
sortByMapValues(Map<Integer, Long>)	Map<Integer, Long>	
printMap(Map<String, Integer>)	void	

AdminInputController	
lowerBoundTime	String
higherBoundTime	String
talkManager	ITalkManager
speakerManager	ISpeakerManager
roomManager	IRoomManager
adminController	AdminController
attendeeManager	IAttendeeManager
organizerManager	IOrganizerManager
adminManager	IAdminManager
loginController	LoginController
userGateway	UserGateway
textPresenter	TextPresenter
tableGenerator	TableGenerator
AdminInputController(ClassCollection)	
addAttendee()	void
addSpeaker()	void
addOrganizer()	void
addAdmin()	void
addRoom()	void
scheduleTalk()	void
getTalkIDToModify(int)	int
yesOrNo(String)	boolean
getDateToModify(int)	String
getDateTimeToModify(int)	String
getEndDateToModify(int, String)	String
getStartTimeToModify(int)	String
getEndTimeToModify(int, String, String, String)	String
getSpeakerIDToModify(int, Map<Integer, String>)	int
getEventCapacityToModify(int)	int
getRoomIDToModify(int, int)	int
modifyTalk()	void
getPartyIDToModify()	int
modifyParty()	void
getPanelDiscussionIDToModify()	int
modifyPanelDiscussion()	void
scheduleParty()	void
schedulePanelDiscussion()	void
addSpeakerToPanelDiscussion()	void
getName()	String
getUsername()	String
getPassword()	String
getRoomName()	String
getRoomCapacity()	int
getEventCapacity()	int
getTechRequirements()	List<String>
getRoomConditions()	List<String>
getTitle()	String
getSpeakerID(Map<Integer, String>)	int
getPanelDiscussionID(List<Integer>)	int
getRoomID(Map<Integer, String>)	int
getSuggestedRoomIds(int)	int
getDate()	String
getEndDate(String)	String
getStartTime()	String
getEndTime(String, String, String)	String
cancelEvent()	void
getEventIDToDelete(List<Integer>)	int
formatIdNames(Map<Integer, String>)	String
formatDateTimes(List<List<String>>)	String
formatDate(String)	String
isDateValid(String)	boolean
isStartTimeValid(String, String, String)	boolean
isEndTimeValid(String, String, String, String)	boolean
isTimeInRange(String, String, String)	boolean
is1Before2(String, String)	boolean
isDate1BeforeDate2(String, String)	boolean
isMultipleOptionsValid(String)	boolean



SignUpInputController	
talkManager	ITalkManager
attendeeManager	IAttendeeManager
roomManager	IRoomManager
speakerManager	ISpeakerManager
signUpController	SignUpController
loginController	LoginController
requestPresenter	RequestInputController
TEXT_RESET	String
TEXT_RED	String
TEXT_GREEN	String
textPresenter	TextPresenter
attendeeUserPresenter	AttendeeUserPresenter
SignUpInputController(ClassCollection)	
handleCmd(String)	void
viewSignUpTalk()	void
printOrDownload()	void
viewAllTalks()	void
printEventList(List<Integer>)	void
filterEvents()	void
downloadEvents()	void
signUpForTalk()	void
cancelTalk()	void
getTalkID()	int
printTalkScheduleTable(List<Integer>)	void
printTalkSchedule(int)	void
getUnrolledUnexpiredTalkIDs(int) List<Integer>	boolean
isDateTimePast(String)	boolean

MessageInputController	
classCollection	ClassCollection
presenter	TextPresenter
MessageInputController(ClassCollection)	
sendMessage(String)	void
readMessage(int, String)	void
showSendMessage(String, List<String>)	void
showUserNotExists(Object)	void
showTalkNotExists()	void
handleContextInput()	String
showEmptyReceiver()	void
isNumeric(String)	boolean
seeArchive(int, String)	void
archiveMessage(int, String)	void
seeUnread(int, String)	void
markAsUnread(int, String)	void
seeMessage(int, String)	void
deleteMessage(int, String)	void

AttendeeUserPresenter	
TEXT_RESET	String
TEXT_RED	String
TEXT_GREEN	String
TEXT_BLUE	String
tableGenerator	TableGenerator
printAttendeeMenu()	void
printOptionsForCancelEvent()	void
printOptionsForViewEvents()	void
printOptionsForGoBack()	void
printOptionsForSignUp()	void
printOptionsForFilterEvents()	void
requestInputDate()	void
requestInputTime(String)	void
requestInputTitle()	void
requestID(String)	void
printCancelEventFailureMsg(String, int)	void

TextPresenter	
TEXT_RESET	String
TEXT_RED	String
TEXT_GREEN	String
TEXT_BLUE	String
TEXT_YELLOW	String
printNormalText(String)	void
printSuccessText(String)	void
printErrorText(String)	void
printInfoText(String)	void
printNotificationText(String)	void
printDividerLine()	void
printTable(List<String>, List<List<String>>)	void

UserGateway	
textField	File
absolutePath	String
file	File
writeToTxt(int, String, String, String, String)	boolean
isLogin(String, String)	String
getUserType(String, String)	String
getUserIdByName(String)	int
getUsernameByGivenName(String)	String
getUsernameByIdAndUserType(int, String)	String

RegisterUserInputController	
registerController	RegisterController
textPresenter	TextPresenter
RegisterUserInputController(ClassCollection)	
register()	void
name	String
password	String
username	String
usertype	String

RequestInputController	
classCollection	ClassCollection
requestController	RequestController
sc	Scanner
presenter	TextPresenter
RequestInputController(ClassCollection)	
sendRequest(int, int)	void
readRequest()	void
reviewRequest(int)	void

LoginUserInputController	
classCollection	ClassCollection
textPresenter	TextPresenter
TEXT_RED	String
TEXT_GREEN	String
TEXT_RESET	String
LoginUserInputController(ClassCollection)	
login()	boolean

AdminUserPresenter	
TEXT_YELLOW	String
TEXT_RESET	String
tableGenerator	TableGenerator
textPresenter	TextPresenter
printAdminUserMenu()	void
printMenuForDeleteMsg()	void
printMenuForDeleteMsgByUsername()	void

OrganizerUserPresenter	
textPresenter	TextPresenter
tableGenerator	TableGenerator
printMenu()	void

SerializableGateway	
logger	Logger
readFromFile(String)	Object
saveToFile(String, Object)	void

TableGenerator	
printAsTable(List<String>, List<List<String>>)	void
formatTitles(List<String>, int)	String
padRight(String, int)	String

UserInputControllerFactory	
getUserInputController(String, ClassCollection)	UserInputController

htmlGateway	
downloadHTML(StringBuilder)	void

SpeakerPresenter	
printSpeakerUserMenu()	void