

EventService		
addEvent(String, LocalDateTime, LocalDateTime, String, ArrayList<String>)	boolean	
addEvent(String, LocalDateTime, LocalDateTime, String, ArrayList<String>, ArrayList<String>)	boolean	
addEvent(String, LocalDateTime, LocalDateTime, String, String)	boolean	
addUserToEvent(String, String)	boolean	
removeUserFromEvent(String, String)	boolean	
getUsersForEvent(String)	ArrayList<String>	
getEventsForAttendee(String)	ArrayList<String>	
getEventsBySpeaker(String)	ArrayList<String>	
stringEvents	ArrayList<String>	
displayStringEvents	ArrayList<String>	
listOfAttendeesId	ArrayList<String>	
listOfSpeakersId	ArrayList<String>	

EventServiceEngine		
event_list	ArrayList<Event>	
attendee_capacity	int	
addEvent(String, LocalDateTime, LocalDateTime, String, ArrayList<String>)	boolean	
addEvent(String, LocalDateTime, LocalDateTime, String, ArrayList<String>, ArrayList<String>)	boolean	
addEvent(String, LocalDateTime, LocalDateTime, String, String)	boolean	
addUserToEvent(String, String)	boolean	
removeUserFromEvent(String, String)	boolean	
getUsersForEvent(String)	ArrayList<String>	
getEventsForAttendee(String)	ArrayList<String>	
getEventsBySpeaker(String)	ArrayList<String>	
verifyEvent(Event)	boolean	
isTimeConflict(LocalDateTime[], LocalDateTime[])	boolean	
signUpAuthorization(Event, String)	boolean	
stringEvents	ArrayList<String>	
displayStringEvents	ArrayList<String>	
listOfAttendeesId	ArrayList<String>	
listOfSpeakersId	ArrayList<String>	

IEventController		
addEvent(String, LocalDateTime, LocalDateTime, String, ArrayList<String>)	boolean	
addEvent(String, LocalDateTime, LocalDateTime, String, String)	boolean	
saveEvents()	boolean	
readEvents()	boolean	
getEventsForUser(String)	ArrayList<String>	
signUp(String, String)	boolean	
cancelSignUp(String, String)	boolean	
eventService	EventService	
stringEvents	ArrayList<String>	
displayStringEvents	ArrayList<String>	

EventController		
data_provider	IEventDataProvider	
user_service	UserService	
EventController(String, UserService)		
getEventsForUser(String)	ArrayList<String>	
addEvent(String, LocalDateTime, LocalDateTime, String, ArrayList<String>)	boolean	
addEvent(String, LocalDateTime, LocalDateTime, String, String)	boolean	
signUp(String, String)	boolean	
cancelSignUp(String, String)	boolean	
saveEvents()	boolean	
readEvents()	boolean	
eventService	EventService	
stringEvents	ArrayList<String>	
displayStringEvents	ArrayList<String>	

EventPresenter		
scheduleMainMenu()	ArrayList<String>	
signupMainMenu()	ArrayList<String>	
signupPrompt()	String	
promptUser()	String	
invalidSelection()	String	
invalidInput()	String	
invalidTimelnput()	String	
enterEventID()	String	
enterStartTime()	String	
enterEndTime()	String	
enterRoomID()	String	
enterSpeakerID()	String	
failToRead()	String	
signUpSuccess(String)	String	
eventAddFail(String, String, String)	String	
signUpFail(String)	String	
bookingSuccess(String)	String	
showScheduledEvents(String)	String	
cancelSuccess(String)	String	
cancelFail(String)	String	
eventToRemove	String	

Event		
formatter	DateTimeFormatter	
Event(String, LocalDateTime, LocalDateTime, String, ArrayList<String>)		
Event(String, LocalDateTime, LocalDateTime, String, ArrayList<String>, ArrayList<String>)		
toString()	String	
listToString(ArrayList<String>)	String	
eventID	String	
endTime	LocalDateTime	
roomID	String	
speakerIDs	ArrayList<String>	
startTime	LocalDateTime	
attendeelDs	ArrayList<String>	

IEventDataProvider		
write()	boolean	
read()	boolean	

EventDataProvider		
event_service	EventService	
file_name	String	
EventDataProvider(EventService, String)		
write()	boolean	
read()	boolean	

EventSchedulingSystem		
run(EventPresenter, IEventController, Scanner)	boolean	
isValidParam(String)	boolean	
isValidDate(String, DateTimeFormatter)	boolean	
abort(Scanner)	boolean	

EventSignUpSystem		
run(String, EventPresenter, IEventController, Scanner)	boolean	