

TradeManager	
ongoingTrades	Map<String, Trade>
meetingManager	MeetingManager
completedTrades	Map<String, Trade>
userToTrades	Map<String, List<String>>
counter	AtomicInteger
TradeManager()	
agreeMeetingDetails(String)	void
confirmMeetingHappened(String, String)	void
getLastConfirmedMeeting(String)	Meeting
getTrade(String)	Trade
canClose(Trade)	boolean
itemToUsers(String)	Map<String, List<String>>
addOneWayTrade(String, String, String, String)	String
addTwoWayTrade(String, String, String, String, String)	String
changeLimitEdits(int)	void
changeLimitIncomplete(int)	void
changeLimitTransactionPerWeek(int)	void
userToNumTradesInvolved(List<String>)Map<String, Integer>	
getLastConfirmedMeetingTime(String)	Date
getLastConfirmedMeetingLocation(String)	String
getTradesPastDays(int)	List<String>
cancelTrade(String)	void
needCancelTrade(String)	boolean
sortPartnersList(Map<String, Integer>)	List<String>
getFrequentPartners(int, String)	List<String>
sortTradesMeetingDate(List<String>)	List<String>
getRecentTrades(int, String)	List<String>
editMeetingOffTrade(String, String, Date, String, String)	void
getTradeAllInfo(String)	String
canChangeMeeting(String, String)	boolean
getProposedTrades(String)	Map<String, String>
getProposedTrades()	List<Trade>
deleteCommonItemTrades(String, String)	void
needToAddMeeting(String)	boolean
getToBeConfirmedTrades(String)	Map<String, String>
getTradesOfUser(String, String)	List<String>
exceedIncompleteLimitUser	List<String>
incompleteTrade	List<String>
limitEdits	int
limitIncomplete	int
exceedPerWeek	List<String>
limitTransactionPerWeek	int

Trade	
type	String
idOfTrade	String
isOpened	boolean
meeting	List<Meeting>
creationDate	Date
Trade(String, String)	
getTradeType()	String
getIdOfTrade()	String
getIsOpened()	boolean
getChangelsOpened()	void
getMeetingList()	List<Meeting>
incrementMeetingList(Meeting)	void
getCreationDate()	Date
getUsers()	List<String>
getItems()	List<String>
itemToTrader()Map<String, List<String>>	
toString()	String
containItem(String)	boolean

Meeting	
location	String
meetingTime	Date
numOfEdits	int
numConfirmations	int
isCompleted	boolean
isConfirmed	boolean
lastEditUser	String
Meeting(String, Date, String)	
getLocation()	String
getLastEditUser()	String
setLastEditUser(String)	void
setLocation(String)	void
getTime()	Date
setTime(Date)	void
getNumOfEdits()	int
incrementNumOfEdits()	void
getNumConfirmations()	int
incrementNumConfirmations()	void
getIsCompleted()	boolean
getChangelsCompleted()	void
getIsConfirmed()	boolean
getChangelsConfirmed()	void
toString()	String

OneWayTrade	
itemId	String
giveUsername	String
receiverUsername	String
OneWayTrade(String, String, String, String)	
getItemId()	String
getGiveUsername()	String
getReceiverUsername()	String
getUsers()	List<String>
getItems()	List<String>
itemToTrader()	Map<String, List<String>>

TwoWayTrade	
user1	String
user2	String
item1	String
item2	String
TwoWayTrade(String, String, String, String, String, String)	
getUser1()	String
getUser2()	String
getItem1()	String
getItem2()	String
getItemOfUser(String)	String
getUserOfItem(String)	String
getUsers()	List<String>
getItems()	List<String>
itemToTrader()	Map<String, List<String>>

MeetingManager	
changeMeeting(Meeting, String, Date, String)	void
createMeeting(String, Date, String)	Meeting
confirmAgreement(Meeting)	void
meetingHappened(Meeting, String)	void
isIncompleteMeeting(Meeting)	boolean
getConfirmedMeetingTime(Meeting)	Date
attainedThresholdEdits(Meeting, int)	boolean
getMeetingsInfo(Meeting)	String
getLastLocation(Meeting)	String
canEditMeeting(Meeting, String)	boolean
getMeetingStatus(Meeting)	int