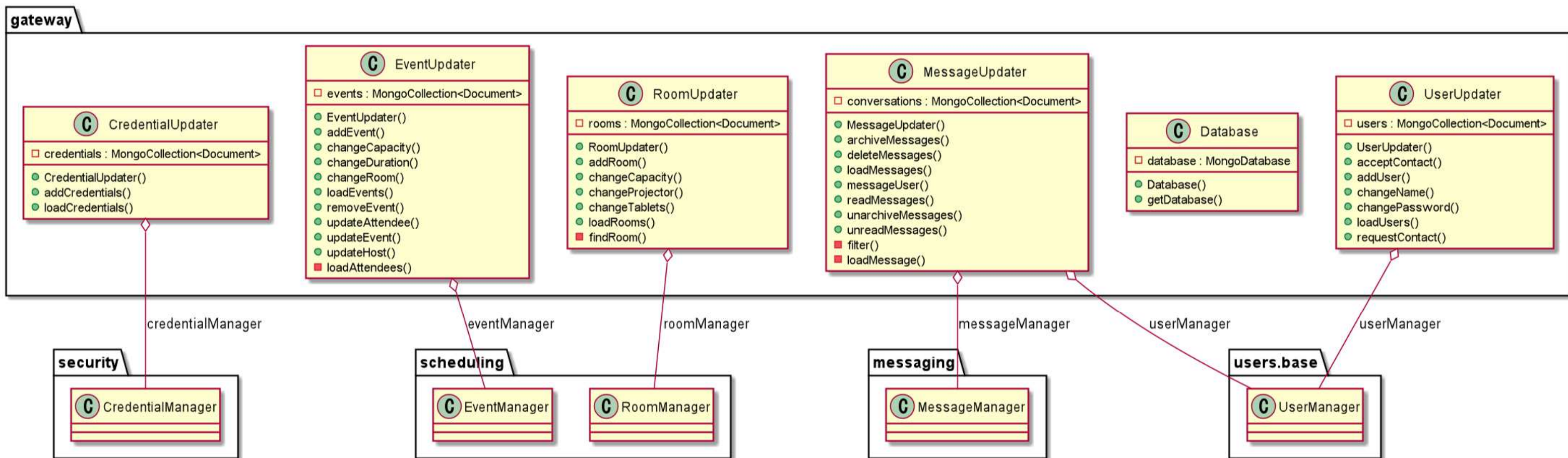
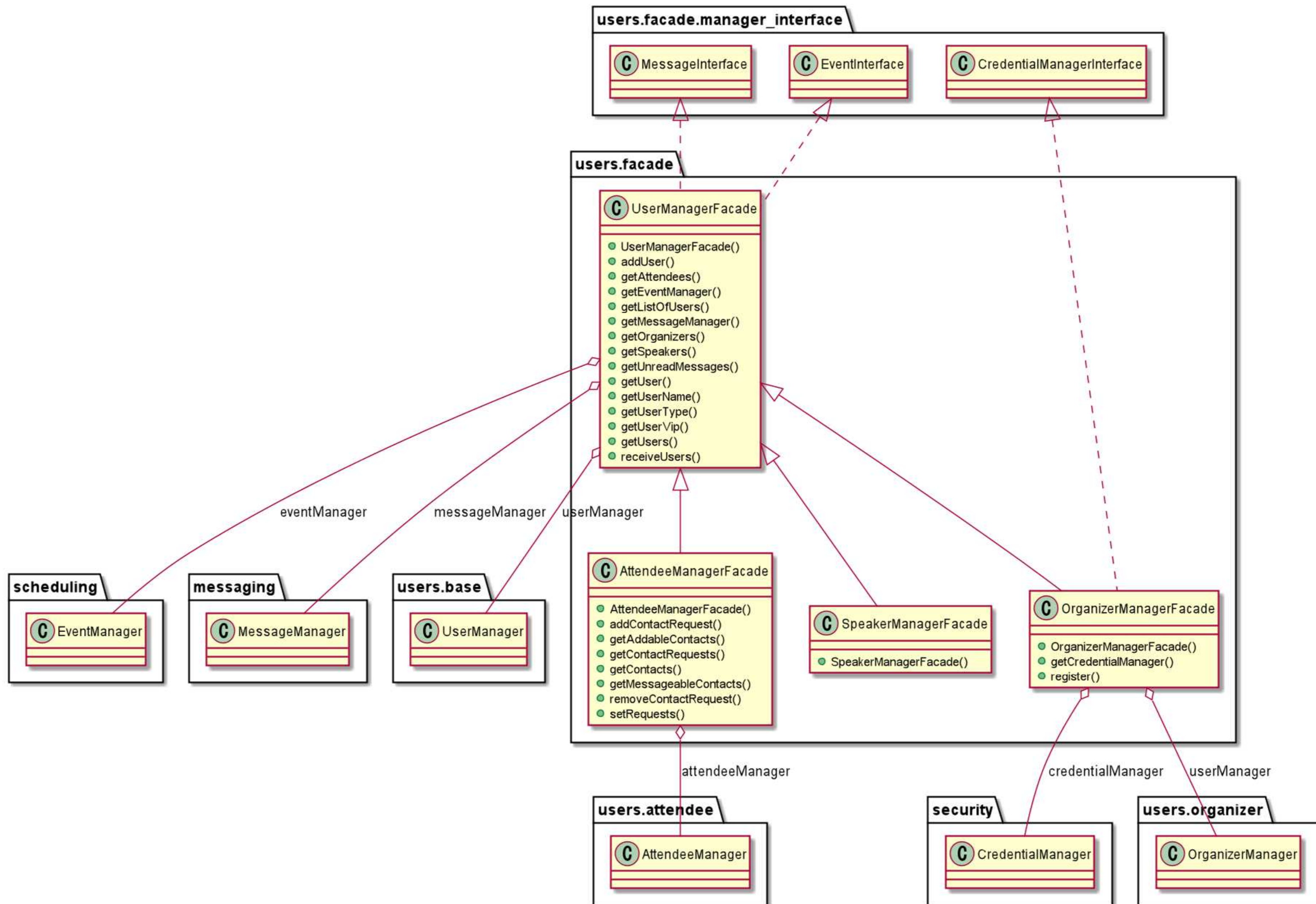


GATEWAY's Class Diagram



FACADE's Class Diagram



MANAGER_INTERFACE's Class Diagram

users.facade

manager_interface

I *CredentialManagerInterface*

- addCredentials()
- getCredentialManager()
- getCredentials()

I *EventInterface*

- addAttendee()
- addEvent()
- changeCapacity()
- getAttendeesForSpeaker()
- getAttendeesOfEvent()
- getAvailableCapacity()
- getCapacity()
- getEvent()
- getEventInfo()
- getEventManager()
- getEvents()
- getEventsOfAttendee()
- getEventsOfHost()
- getNeedsProjector()
- getNeedsTables()
- getNumEvents()
- getRoomManager()
- getSpeakersForAttendee()
- getUserManager()
- removeAttendee()
- removeEvent()
- rescheduleEvent()
- setNeedsProjector()
- setNeedsTables()

I *MessageInterface*

- alreadyArchived()
- alreadyUnread()
- archiveMessages()
- deleteMessage()
- getAllMessagedUsers()
- getAllReadMessages()
- getAllUnreadMessages()
- getArchivedMessages()
- getMessageManager()
- getMessages()
- getSentMessages()
- getSentUsers()
- getUnArchivedMessages()
- messageUser()
- readMessage()
- unarchiveMessages()
- unreadMessages()

MESSAGING's Class Diagram

messaging








MessageManager

-  archivedMessages : ArrayList<Integer>
-  messages : Map<Integer, List<Message>>
-  unreadMessages : ArrayList<Integer>

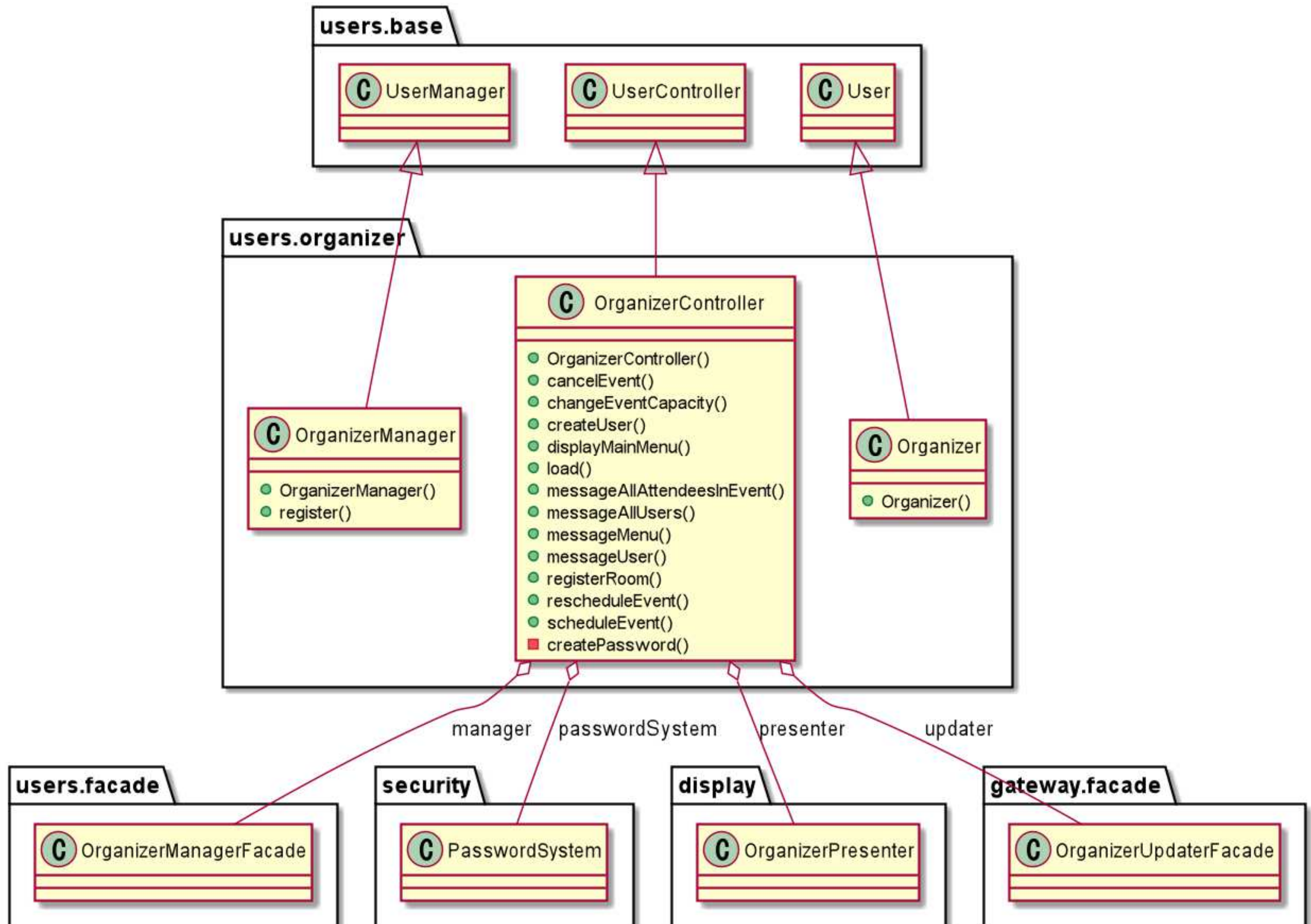
-  alreadyArchived()
-  alreadyUnread()
-  archiveMessages()
-  deleteMessage()
-  getAllMessagedUsers()
-  getAllSentUsers()
-  getArchivedMessages()
-  getMessages()
-  getReadMessages()
-  getSentMessage()
-  getSentMessageStrings()
-  getUnArchivedMessages()
-  getUnreadMessages()
-  messageUser()
-  readMessage()
-  unarchiveMessage()
-  unreadMessages()
-  addMessage()
-  createMessage()
-  createMessage()

Message

-  dateTimeFormatter : DateTimeFormatter
-  message : String
-  sender : String
-  time : LocalDateTime

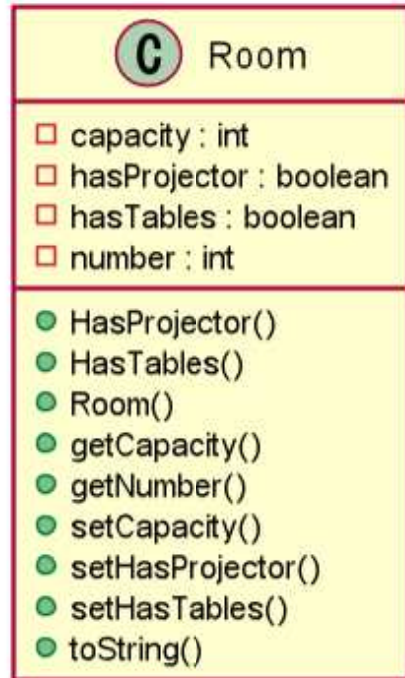
-  Message()
-  Message()
-  equals()
-  getMessage()
-  getSender()
-  getTime()
-  toString()

ORGANIZER's Class Diagram

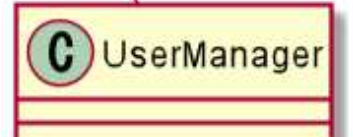


SCHEDULING's Class Diagram

scheduling



users.base



roomManager

userManager

SECURITY's Class Diagram

security

C PasswordSystem

□ ITERATION_COUNT : int
□ KEY_LENGTH : int
□ RNG : Random

● PasswordSystem()
● addCredentials()
● authenticate()
● getSalt()
● hash()
■ getSecretKey()
■ hash()

C Credentials

□ password : byte[]
□ salt : byte[]

● Credentials()
● getPassword()
● getSalt()

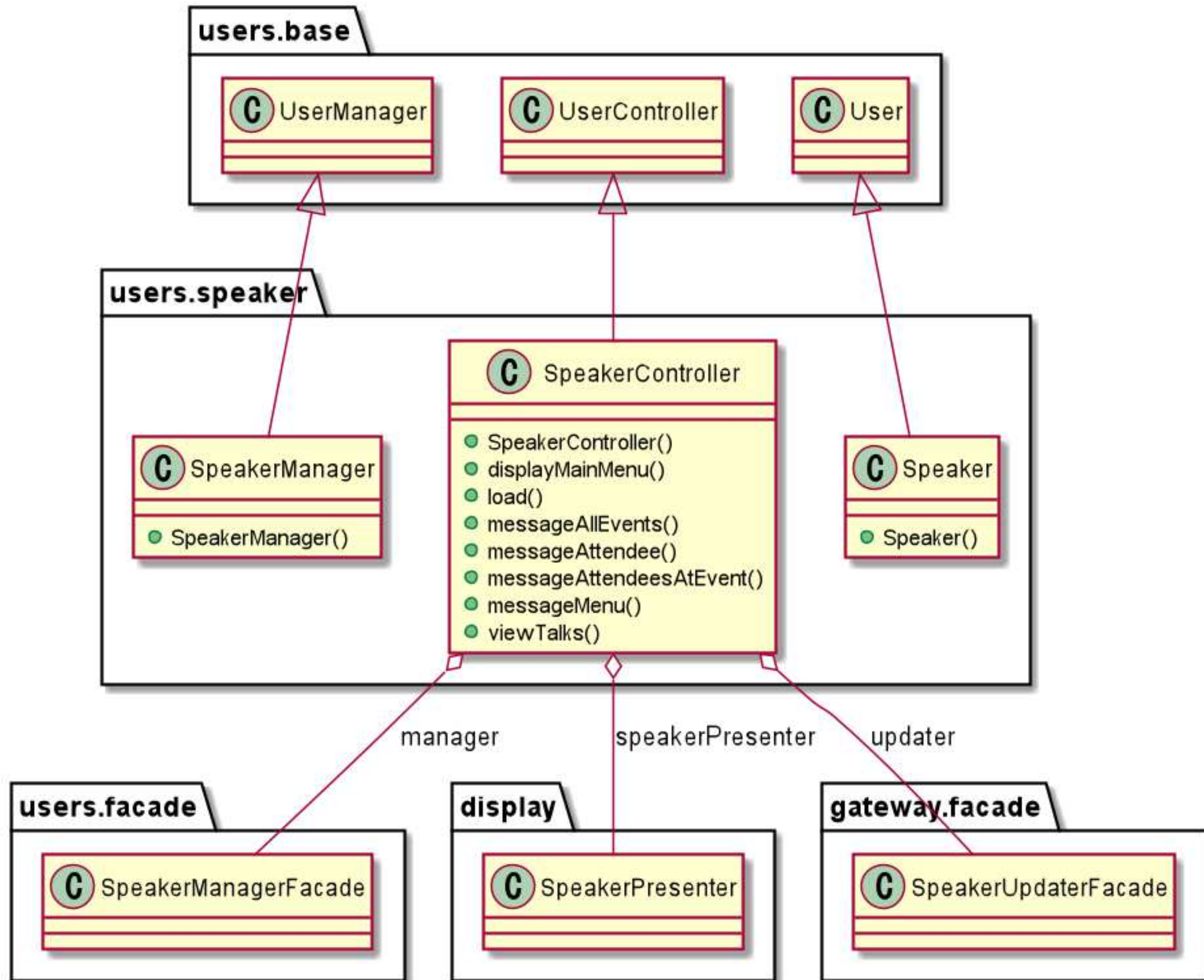
credentialManager

C CredentialManager

□ credentials : List<Credentials>

● addCredentials()
● getCredentials()

SPEAKER's Class Diagram



SRC's Class Diagram



ConferenceSystem



ConferenceSystem()

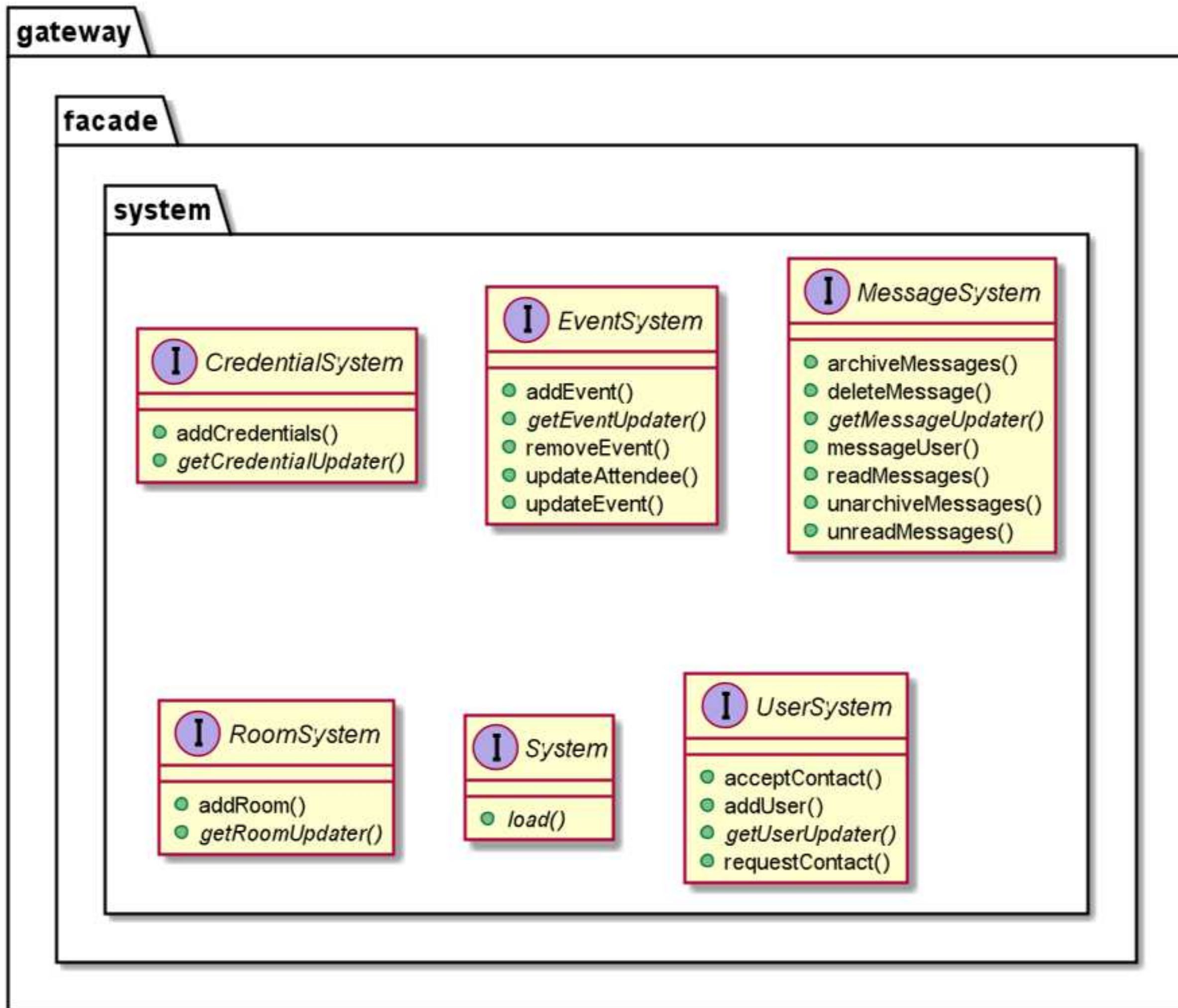


Main

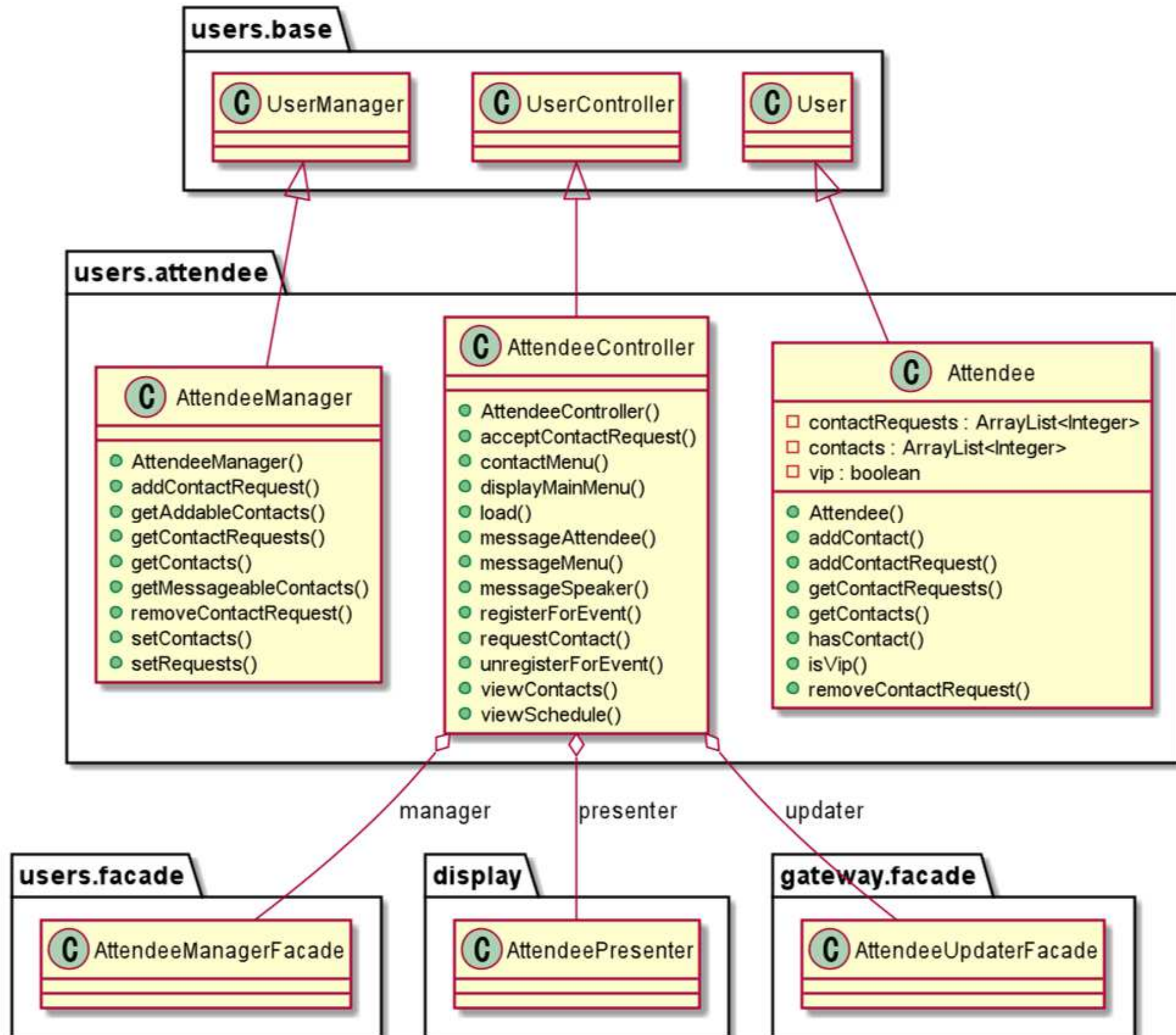


main()

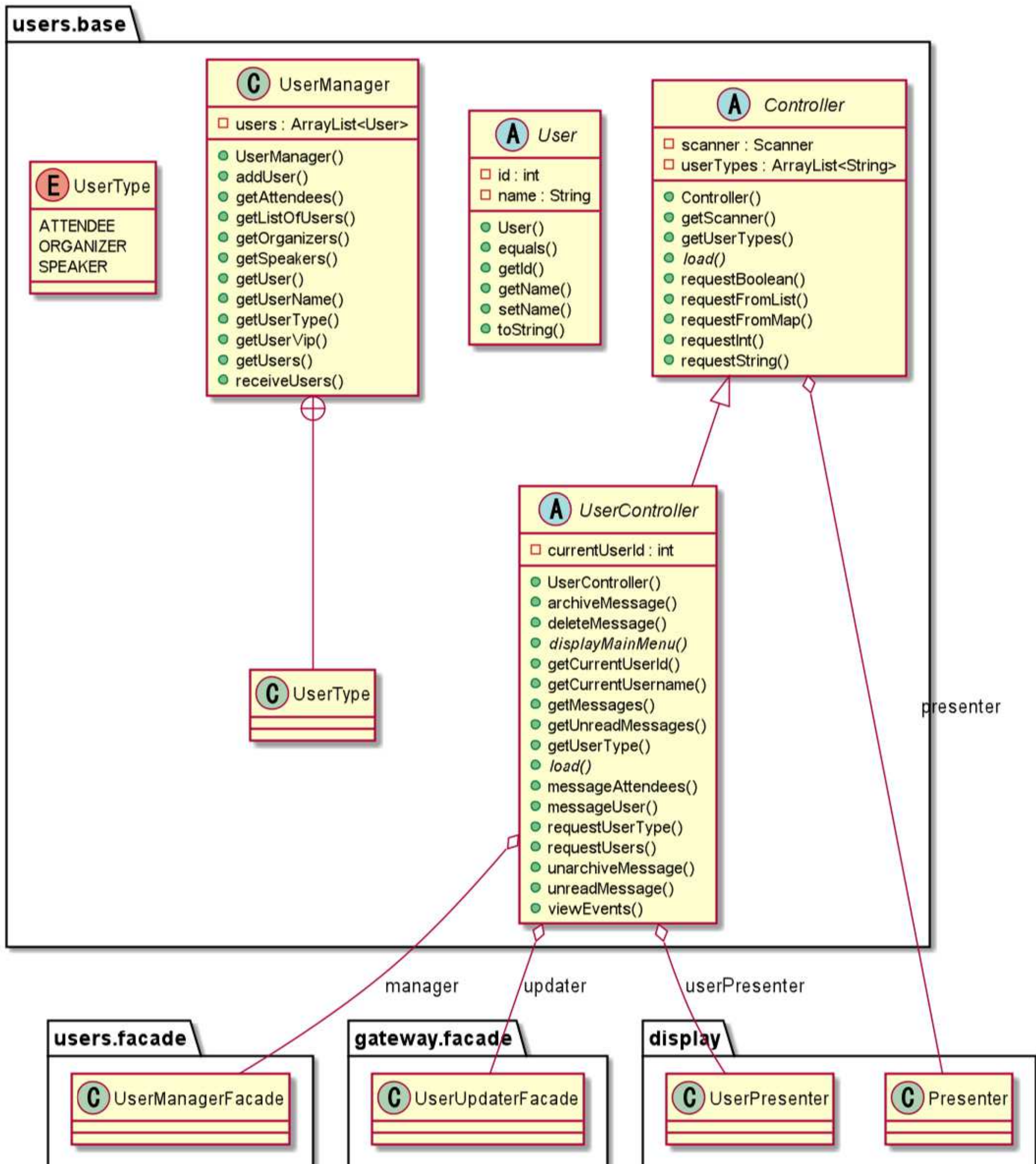
SYSTEM's Class Diagram



ATTENDEE's Class Diagram

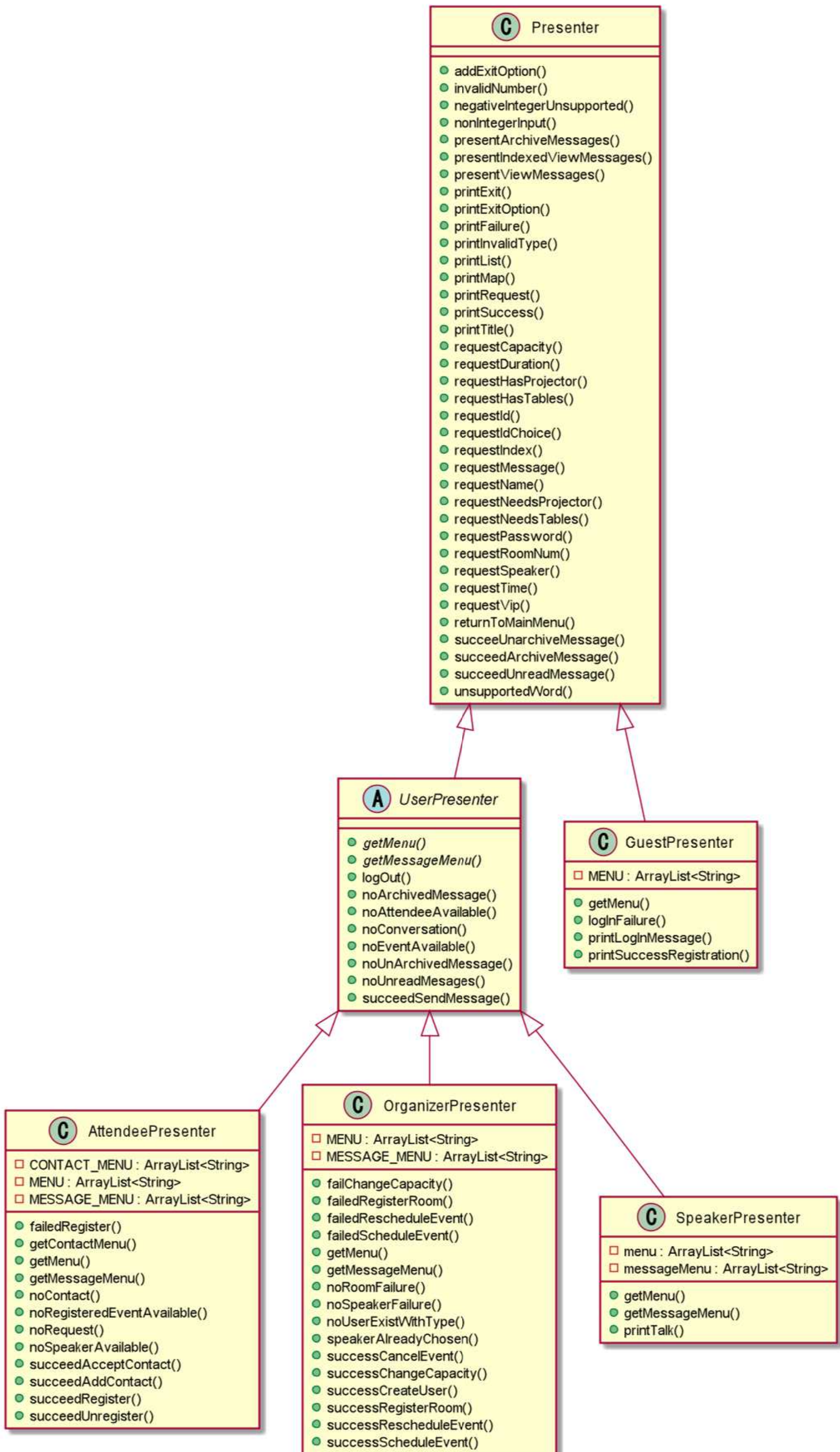


BASE's Class Diagram

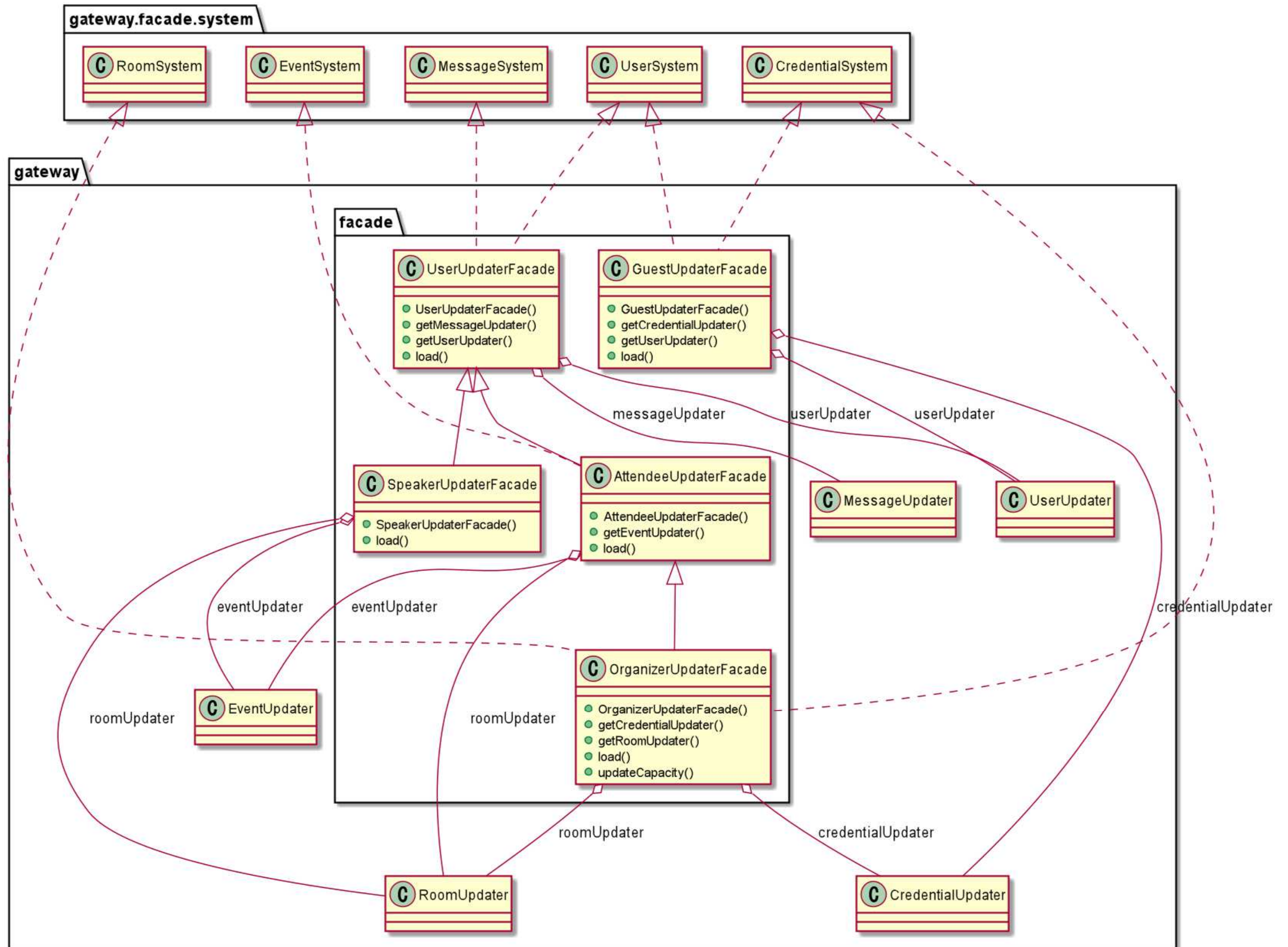


DISPLAY's Class Diagram

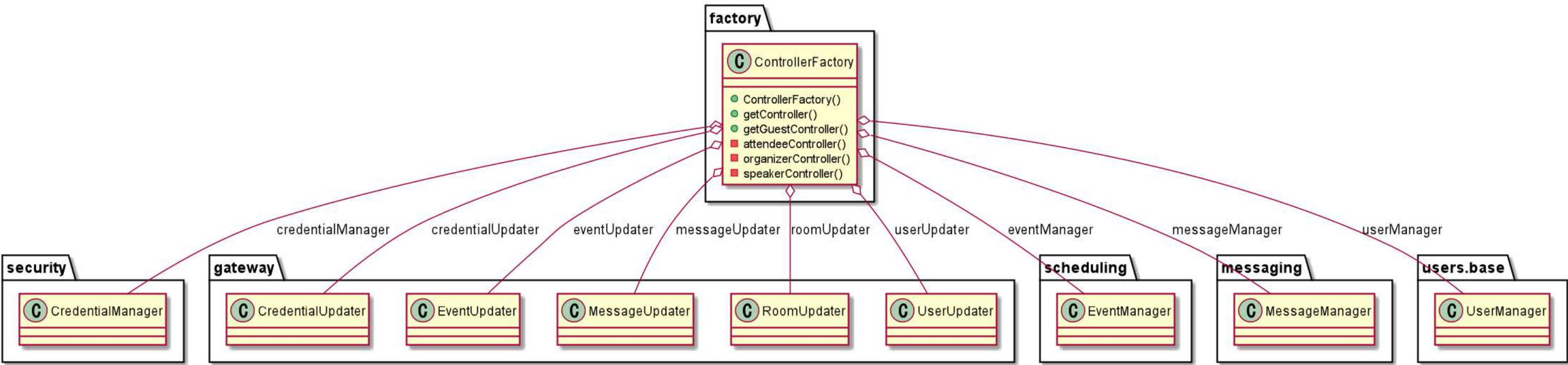
display



FACADE's Class Diagram



FACTORY's Class Diagram



GUEST's Class Diagram

