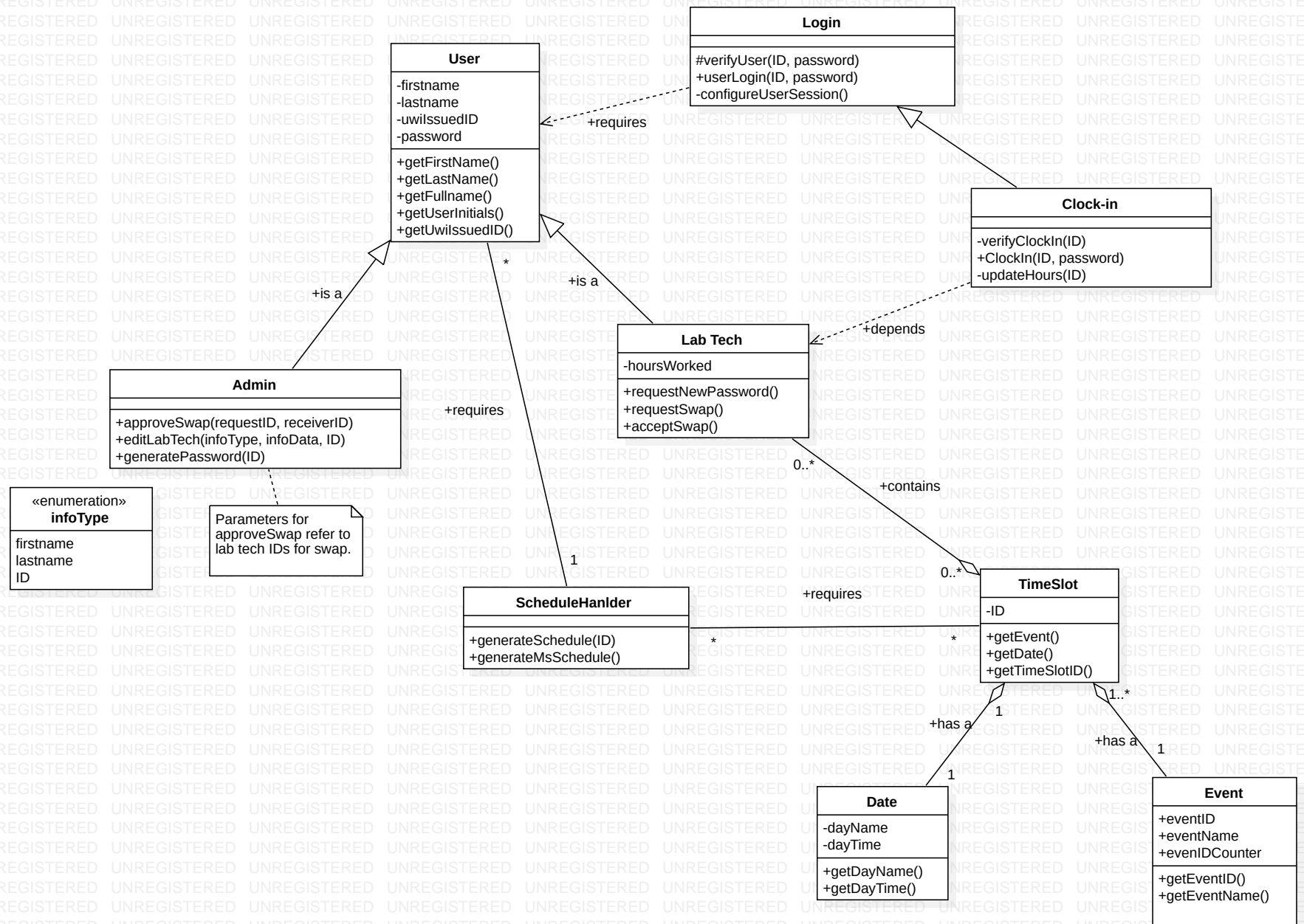


Class Diagram



Request how password: Request how password

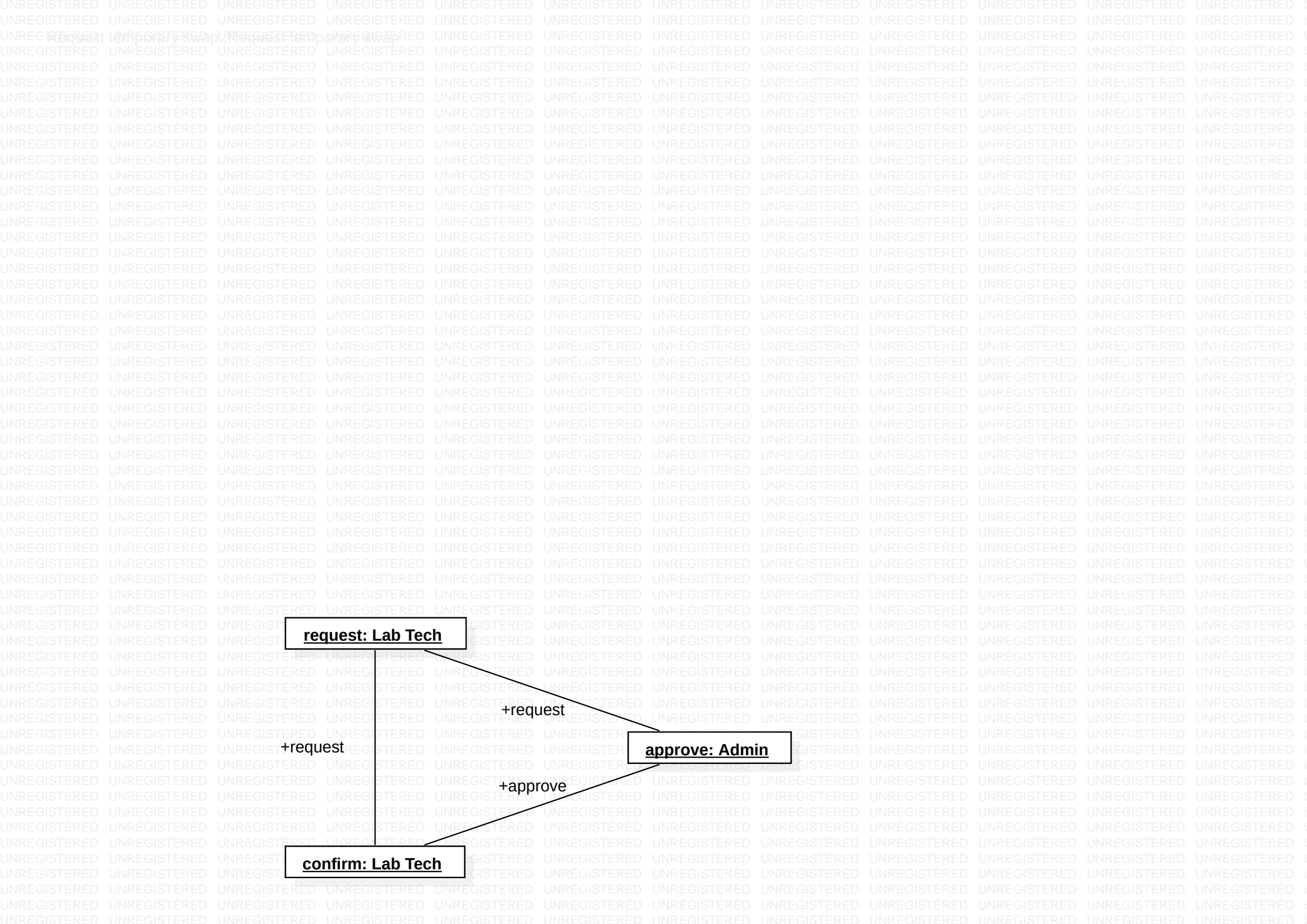
+requests

userRequest: Lab Tech

\*

1

admin: Admin



**user: User**

+generates

**handler: ScheduleHanlder**

+retrieves

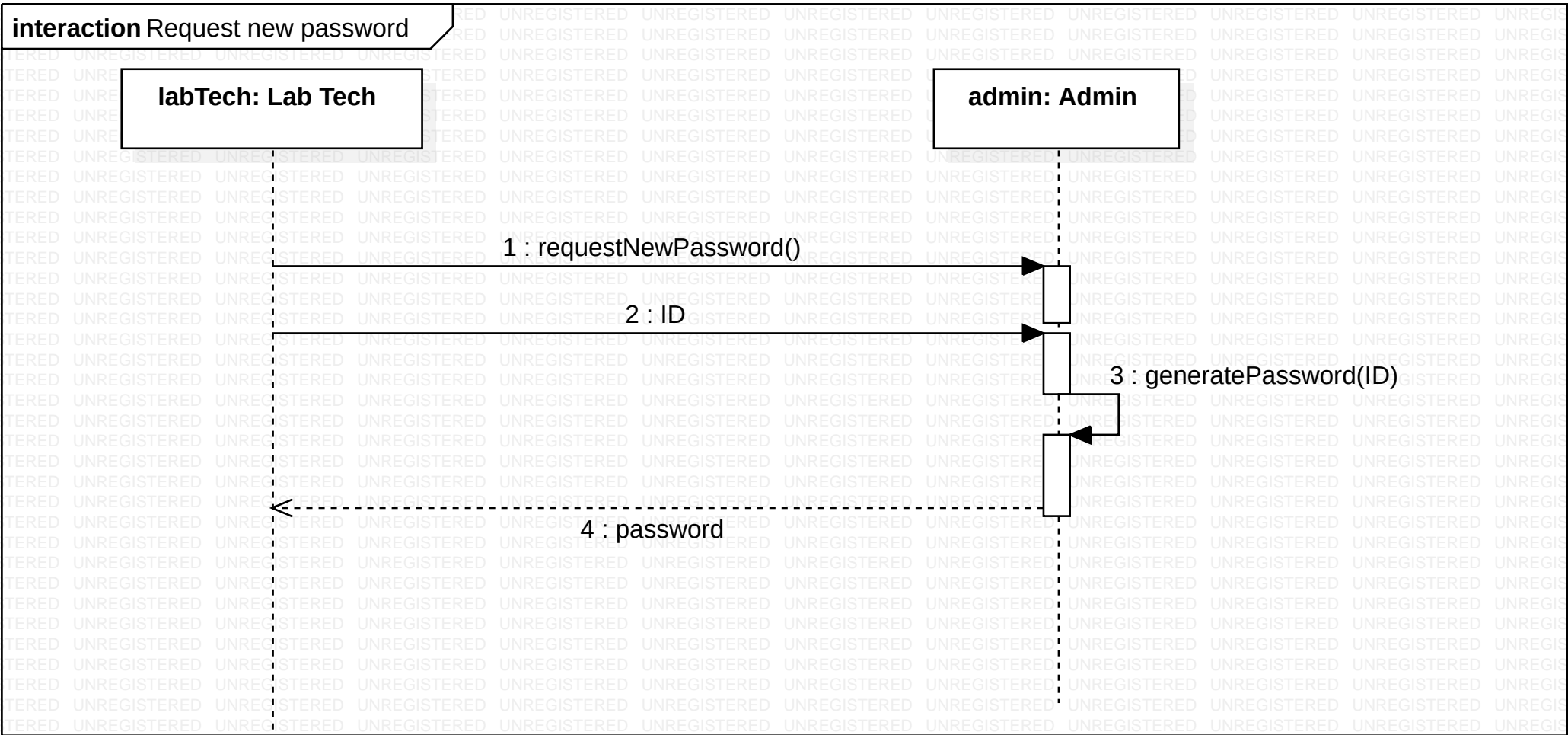
**slot: TimeSlot**

Stock in: Clock-in

labTech: Lab Tech

+request

clock-in: Clock-in



interaction Request temporary swap

request:Lab Tech

confirm:Lab Tech

approve:Admin

2 : requestSwap()

1 : confirmSwap()

3 : confirms that they want swap

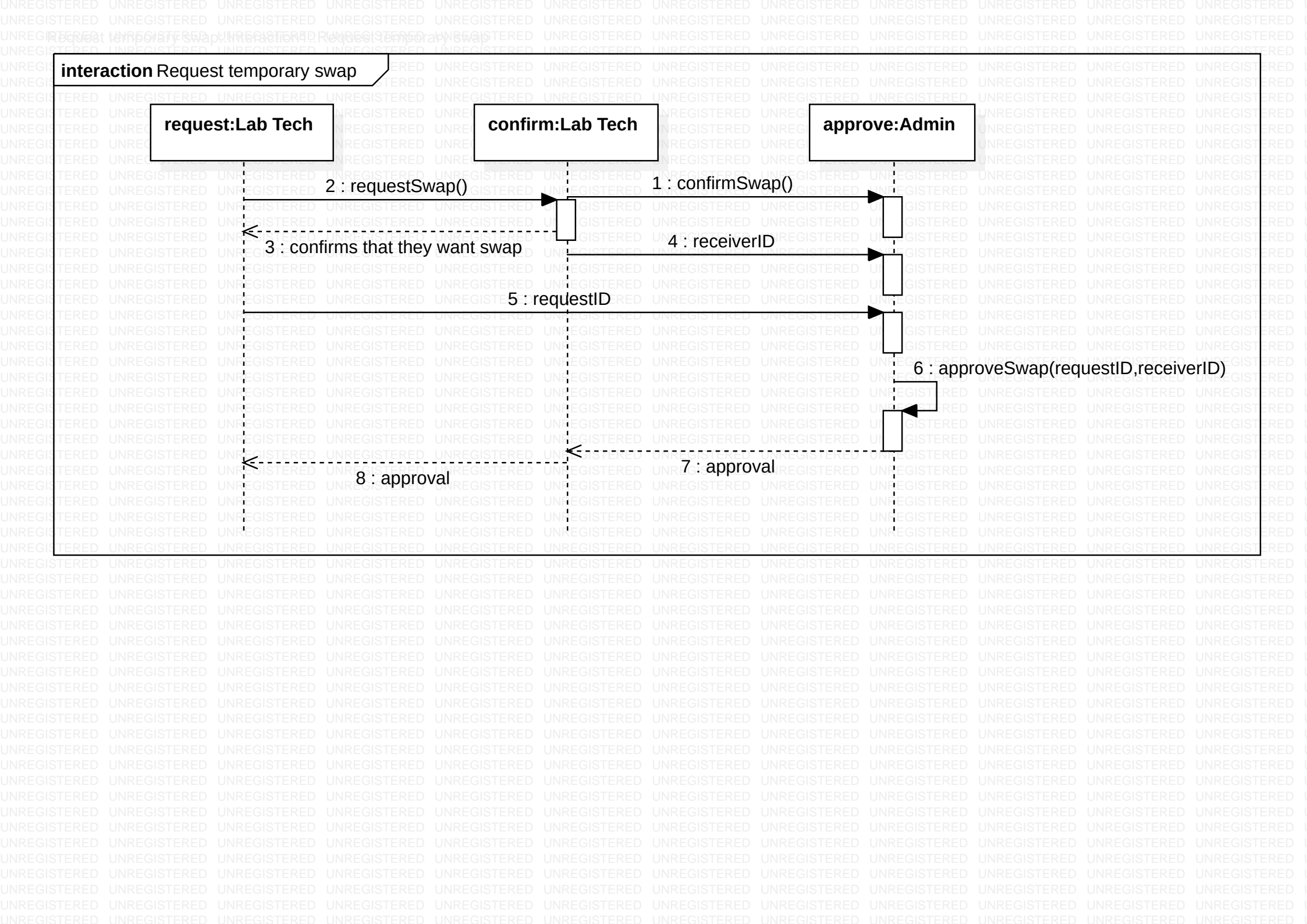
4 : receiverID

5 : requestID

6 : approveSwap(requestID,receiverID)

8 : approval

7 : approval



## interaction Schedule

user: User

handler: ScheduleHanlder

slots: TimeSlot

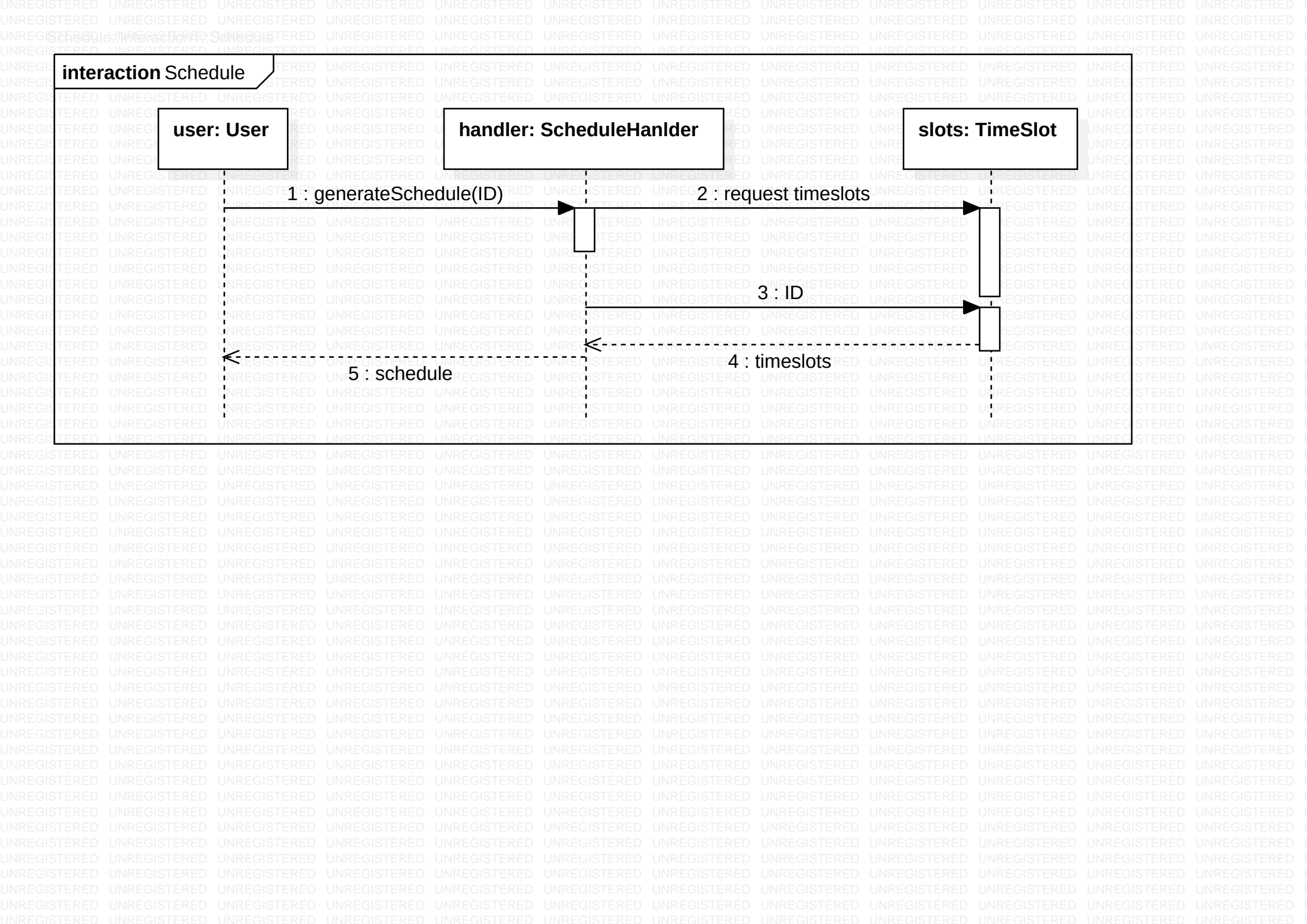
1 : generateSchedule(ID)

2 : request timeslots

3 : ID

4 : timeslots

5 : schedule





# interaction Clock-in

user

:Clock-in

:LabTech

:TimeSlot

1 : Clock-in(ID, password)

2 : verifyUser(ID,password)

3 : verified

4 : verifyClockIn(ID)

5 : verified

6 : verified

