

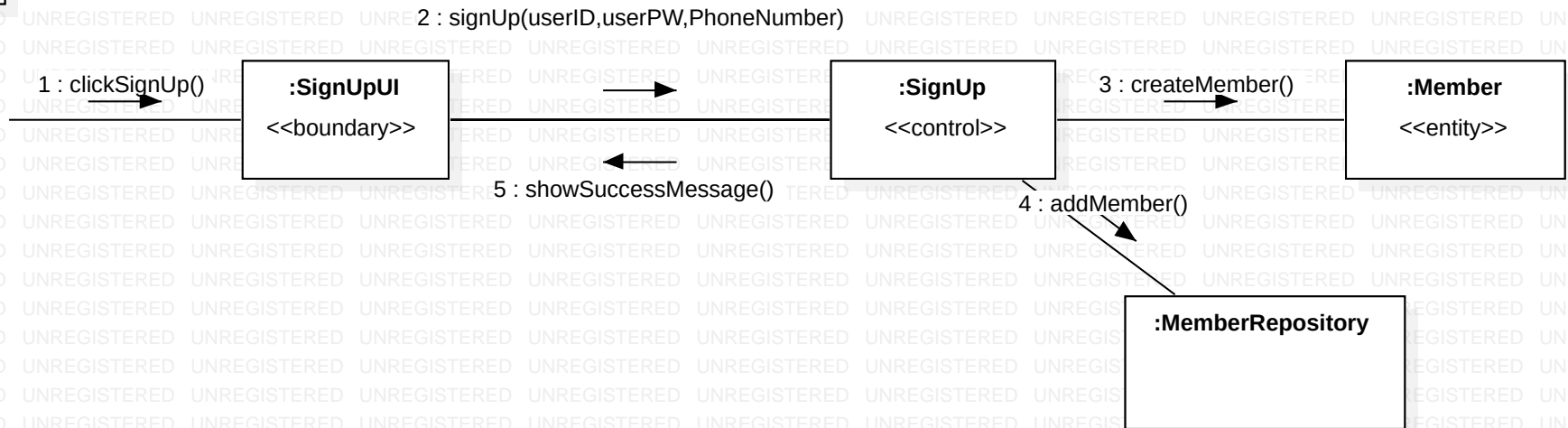
sd 회원가입

sd 회원가입

Lifeline1



비회원



sd 로그인

sd 로그인

Lifeline1



회원

1 : clickLogin()

:LoginUI  
<<boundary>>

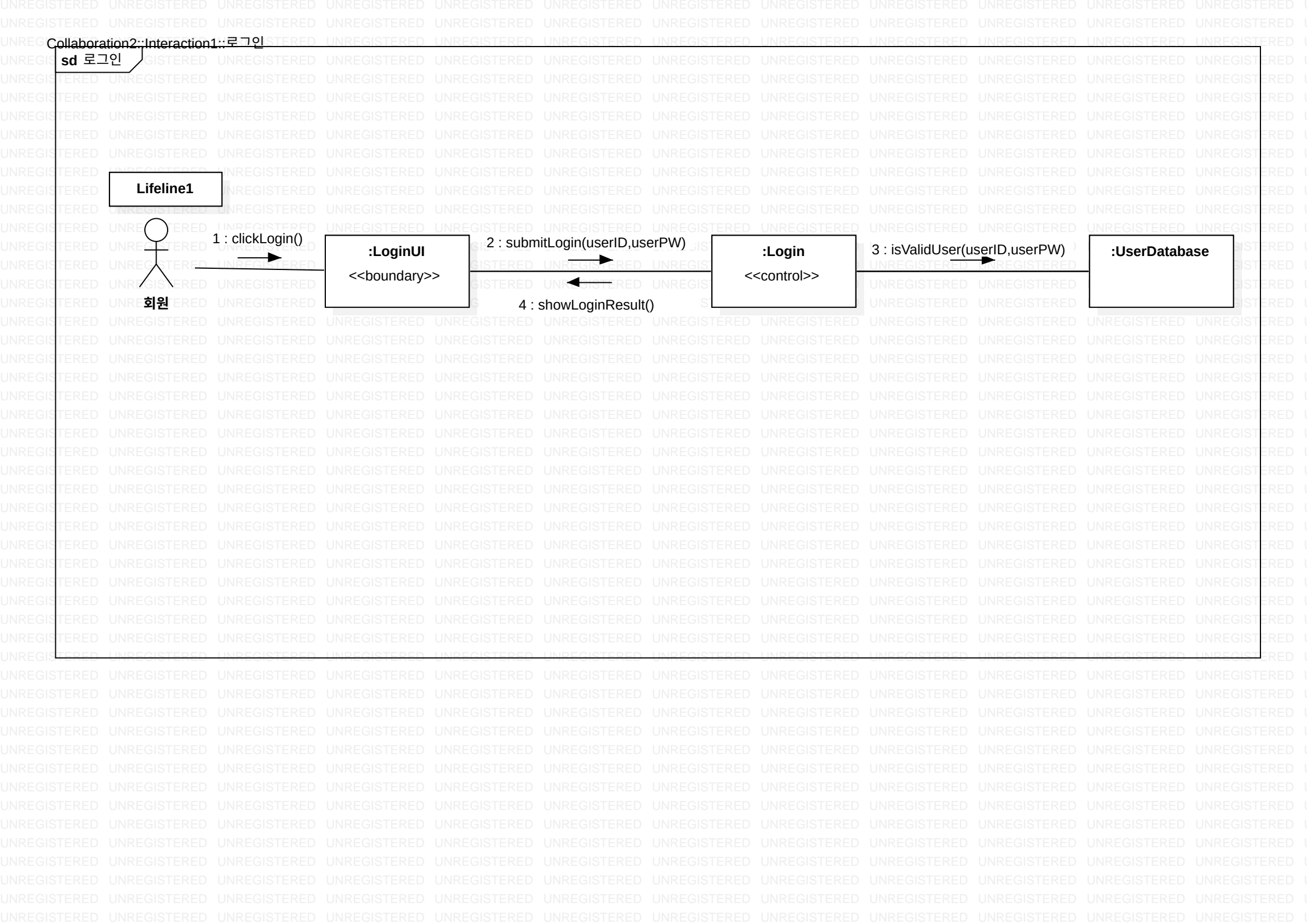
2 : submitLogin(userID,userPW)

:Login  
<<control>>

3 : isValidUser(userID,userPW)

:UserDatabase

4 : showLoginResult()



sd 로그아웃

sd 로그아웃

Lifeline1



회원

1 : clickLogout()

<<boundary>>

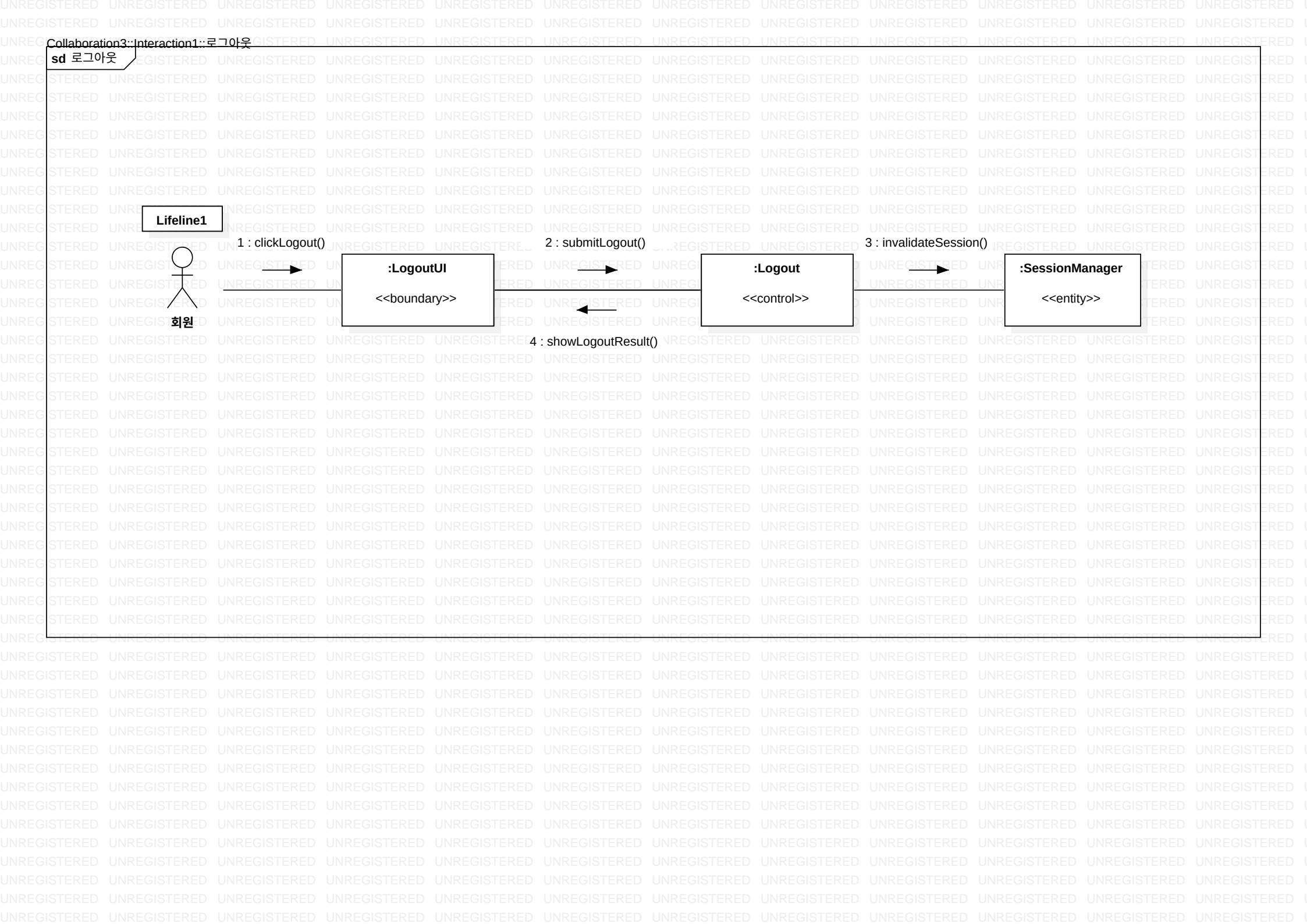
2 : submitLogout()

<<control>>

3 : invalidateSession()

<<entity>>

4 : showLogoutResult()



sd 자전거 등록

sd 자전거 등록

Lifeline1



관리자

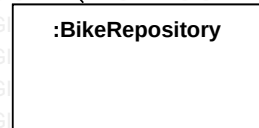
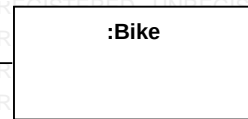
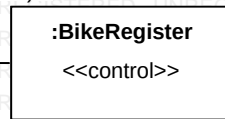
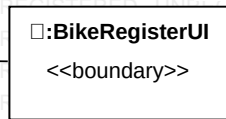
1 : clickRegisterBike()

2 : submitRegisterBike(bikeID,bikeName)

3 : createBike(bikeID,bikeName)

4 : saveBike(Bike)

5 : showRegisterResult()



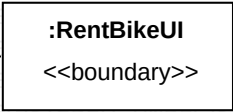
sd 자전거 대여

Lifeline1

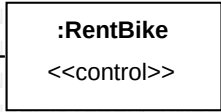


일반회원

1 : clickRentBike()



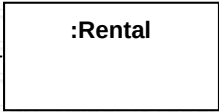
5 : showRentalResult()



4 : saveRental(rental)



3 : createRental(userID,bikeID)



2 : submitRentBike(bikeID)

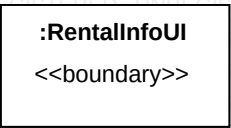


sd 자전거 대여 정보 조회

Lifeline1



일반회원



1 : clickRentalInfo()

2 : :requestRentalList()

5 : showRentalList(rentalInfoList)

3 : getRentalsByUser(userID)

4 : getBikeDetails(bikeID)

