Analysis class diagram

sd SignUp

회원
1 : clickSignUpButton()
3 : enterSignUpDetails(id, password, phoneNumber)
:SignUpUI
2 : startInterface()
4 : processSignUp((id, password, phoneNumber)
2.1 : displayInputField()
4.2 : displaySuccessMessage()
:SignUp
4.1 : createMember(id, password, phoneNumber)
:Member

Login

사용자
1 : clickLoginButton()
3 : enterLoginDetails(id, password)
:LoginUI
2 : startInterface()
4 : processLogin(id, password)
2.1 : displayInputFields()
4.2 : displayLoginFailureMessage()
:Login
4.1 : authenticate(id, password)
:User

sd Logout

사용자
1 : clickLogoutButton()
:LogoutUI
2 : processLogout()
2.2: displayLogoutSuccessMessage()
:Logout
2.1 : terminateSystemAccess()
:System

sd Register Bike

: 관리자

1 : submitBikeDetails(bikeId, bikeName) → :BikeRegistrationUI

2 : processBikeRegistration(bikeId, bikeName) → :BikeRegistration

2.2 : displayRegistrationSuccessMessage()

2.1 : createBike(bikeId, bikeName) → :Bike

Rental Bike

: 회원

1 : clickRentButton(bikeId) → :BikeRentalUI

2 : processRental(bikeId) → :BikeRental

2.3 : displayRentalSuccessMessage()

2.2 : updateRentedBikeList(memberId, bikeId)

2.1 : updateBikeStatus(bikeId)

:Member

:Bike

View Rented Bike Information

:RentalInfoUI

:RentalInfo

3 : displayRentedBikeList(bikeId, bikeName)

1 : getRentedBikeList()

2* : getBikeDetails(bikeId)

:Member

:Bike