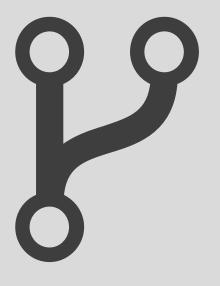
#### 소프트웨어 A



20163081

20193043

20213104



- 1. 시스템 상황 분석
- 2. 액터 식별
- 3. 유스케이스 식별
- 4. 유스케이스 다이어그램
- 5. 유스케이스 명세서

- 6. 클래스 다이어그램
- 7. 시퀀스 다이어그램

## 891. 시스템

•

•

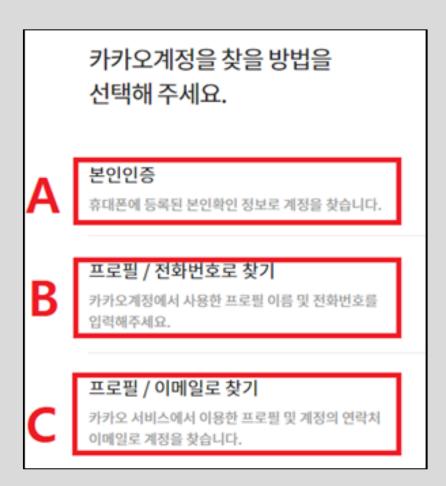
•

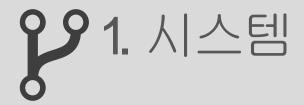
,

3

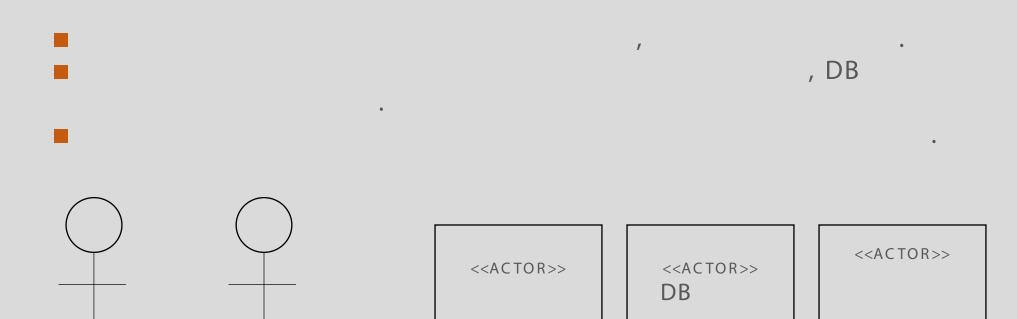
## **991.** 시스템

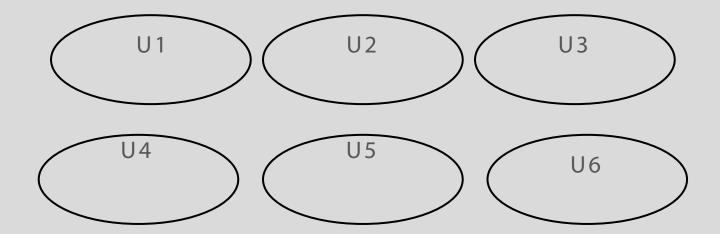
( , ) DB

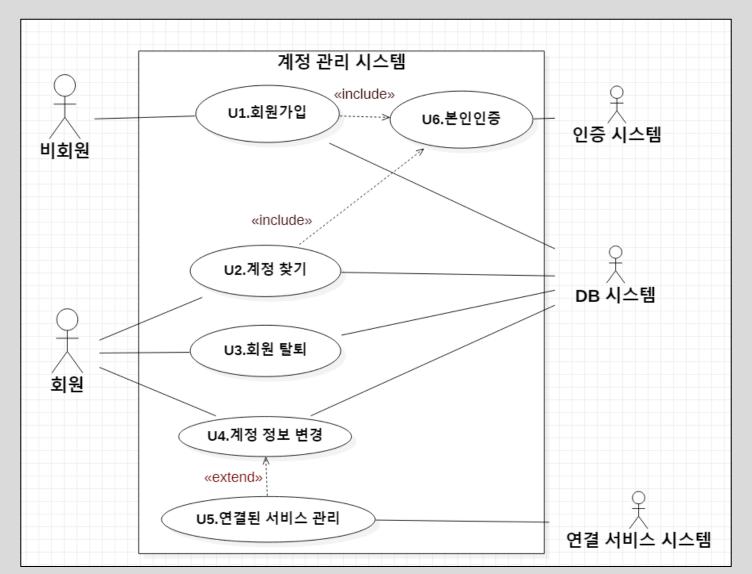




## \$2.액터







```
: U1.
: , DB ,
: .
: .
```

.

õ ID, Email

•

```
: U2.
• : , DB ,
 DB
```

- : U3.
- : , DB
- :
- •
- .

- II
- --
- õ 1.
- õ -2 "
- õ -3 " "
- õ 5 " "

- : U4.
- : , DB
- :
- :
- •
- -

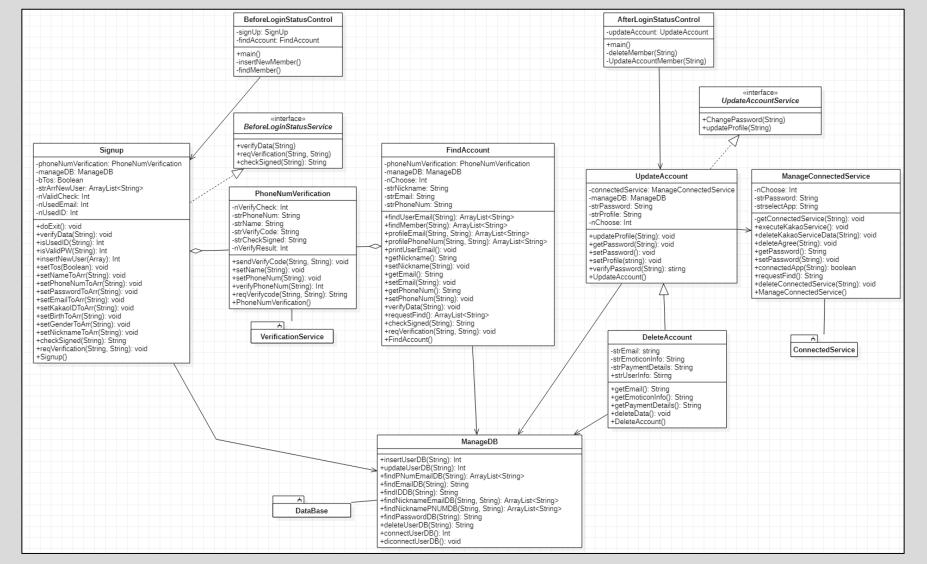
- .
- - DB .

- \_
- õ 1.
- õ -2.
- õ -3.

```
: U5.
• : , DB
```

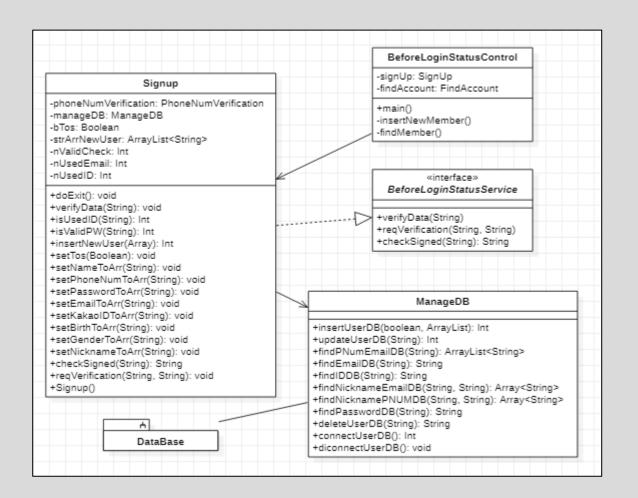
- : U6.::
- :
- •
- ,

- Ď DB .
- O .
  - •



Class 1	BeforeLoginStatusControl			
Class 2	BeforeLoginStatusService		Class3, 4 .	
Class 3	Signup		C la ss 11	
Class 4	FindAccount		C la s s 11	
Class 5	PhoneNumVerification		Class3, 4	
Class 6	AfterLoginStatusControl			
Class 7	UpdateAccountService		Class8, 9 .	
Class 8	UpdateAccount		C la ss 11	
Class 9	DeleteAccount		C la ss9	
Class 10	ManageConnectedService		Class8, 9	
Class 11	ManageDB	DB	C la s s 11 ,	DB .

:U1.



```
Class3: Signup
                    Class 11: Manage DB
Class1: Main
               insertNewMember
Class2: Signup
Class3:
doExit() ->
setTos()->
                 set
set ToArr->
                        strArrNewUser ArrayList
isUsedEmail()->Email
findEmailDB() -> Email
isUsedID() -> ID
findIDDB() -> ID
insertUserDB()-> ManageDB
```

Class 1: Before Login Status Control

Class2: <<interface>> BeforeLoginStatusControl

: U2.

```
BeforeLoginStatusControl
                                                                 -signUp: SignUp
                                                                 -findAccount: FindAccount
                  FindAccount
                                                                 +main()
                                                                 -insertNewMember()
-phoneNumVerification: PhoneNumVerification
                                                                -findMember(): void
-manageDB: ManageDB
-nChoose: Int
-strNickname: String
-strEmail: String
                                                                              «interface»
-strPhoneNum: String
                                                                      BeforeLoginStatusService
+bSucess: Boolean
                                                                 +verifyData(String)
+findUserEmail(): void
                                                                +reqVerification(String, String)
+findMember(): void
                                                                +checkSigned(String): Int
+profileEmail(String, String): String
profilePhoneNum(String, String): String
+printUserEmail(String): void
+getNickname(): String
                                                                               ManageDB
+setNickname(String): void
+getEmail(): String
+setEmail(String): void
                                                          +insertUserDB(String): void
+getPhoneNum(): String
+setPhoneNum(String): void
                                                          +updateUserDB(String): void
                                                          +findPNumEmailDB(String): Array<String>
+verifyData(String): void
                                                          +findEmailDB(String): String
+checkSigned(String): Int
                                                          +findIDDB(String): String
+requestFind(): Array<String>
                                                         +findNicknameEmailDB(String, String): Array<String>
+regVerification(String, String): void
                                                         +findNicknamePNUMDB(String, String): Array<String>
+FindAccount()
                                                          +findPasswordDB(String): String
                                                          +deleteUserDB(String): String
                                                          +connectUserDB(): Int
                                                          +diconnectUserDB(): void
                                                                                DataBase
```

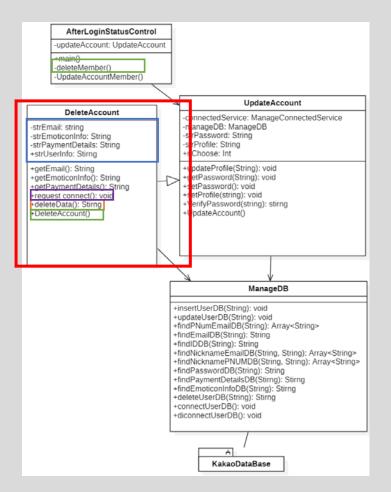
```
Class1: private
              class4
                         , main
      findMember()->
Class2: FindAccount
Class4:
          : phoneNumVerification( ), manageDB(
           Choose(), Success(),
           Nickname, Email, PhoneNum(,,,,)
           : profileEmail()->' /
             profilePhoneNum()->' /
            findMember()-> (FindAccount)
            findUserEmail()->
             printUserEmail()->
             checkSigned()->
             verifyData()->
             requestFind() -> DB
             reqVerification() ->
             FindAccount() ->
             get___() -> get
                               Private
                                                           18
             set () ->set
```

Class 1: Before Login Status Control

Class4: FindAccount

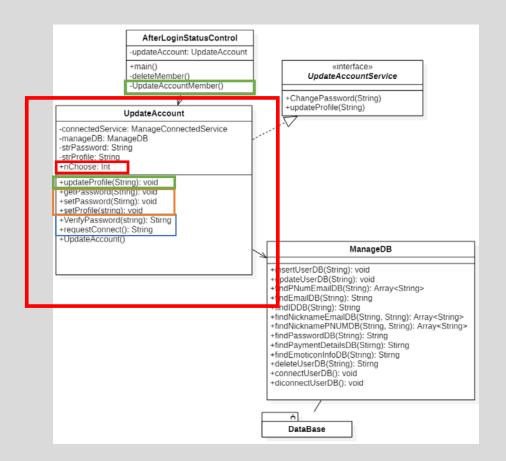
Class2: <<interface>> BeforeLoginStatusControl

#### **96.**클래스 :U3.



Class6: AfterLoginStatusControl

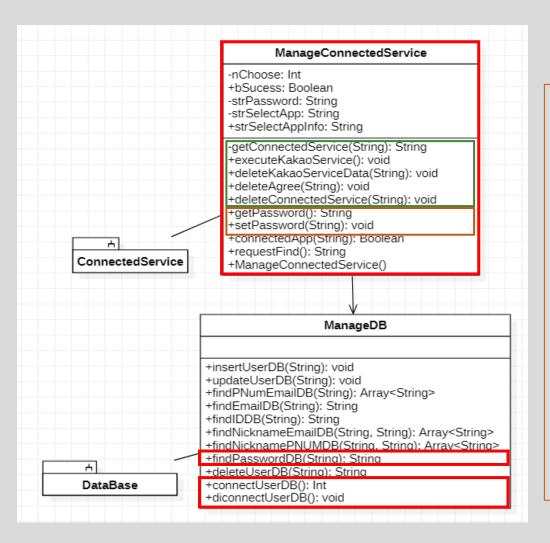
Class8: UpdateAccount Class9 : deleteAccount



```
Class6: AfterLoginStatusControl
Class7: <<interface>> UpdateAccountService
Class8: UpdateAccount
```

```
Class6: private
                   class8
                                , main
        -deleteMember(Sting)->
        -updateAccountMember(Sting)->
Class7 : ChangePassword(),updateProfile()
Class8:
              : manageDB (
         - strPassword, strProfile (String) ->
         - strC hoose:string ->
                : +updateProfile() ->
     +getPassword() ->
     +setPassword() ->
     +setProfile() ->
     +VerifyPassword(): string ->
     +requestConnect() ->
     +UpdateAccount() ->
                                                                   20
```

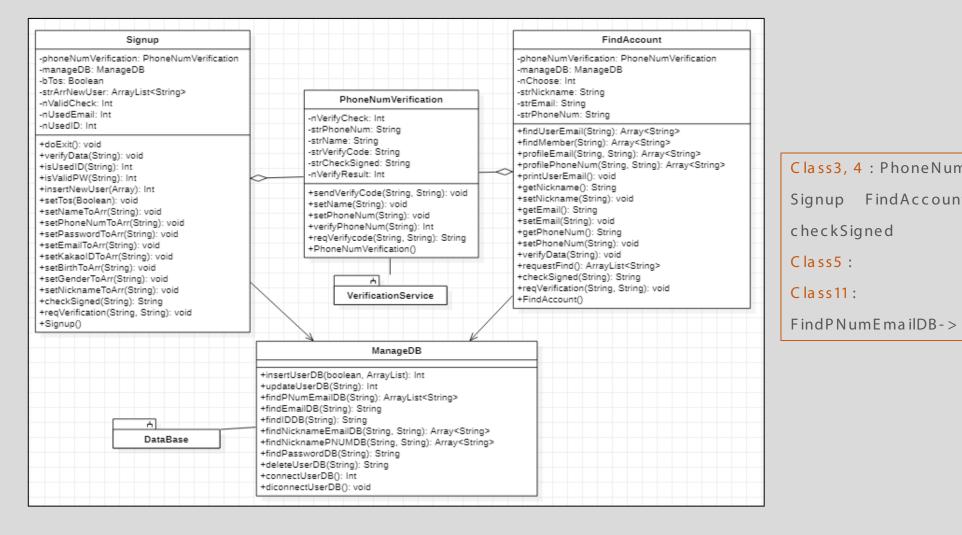
## **96.** 클래스 : U5.



```
Class 11: Manage DB
Class 10:
                             ), Success( ), Password(
          : Choose(
           SelectApp( ), SelectAppInfo(
           : getConnectedService() ->
            executeKakaoService() ->
            deleteKakaoServiceData() ->
            deleteAgree() ->
            deleteConnectedService()->
            setPassword() ->set
                                  Password
            connectedApp() ->
                                  (ConnectedService)
            requestFind() -> DB
            ManageConnectedService() ->
                 Password , DB
Class11: DB
```

Class 10: Manage Connected Service

: U6.



Class 11: Manage DB

Class 3, 4: Phone Num Verification

Signup Find Account verify Data .

check Signed ,

Class 5:

Class 5:

Class3: Signup

, Email

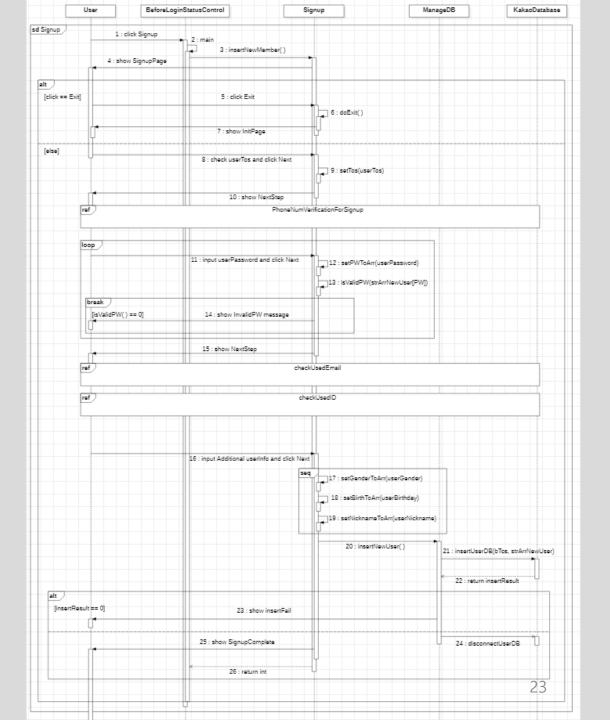
Class4: FindAccount

Class5: PhoneNumVerification

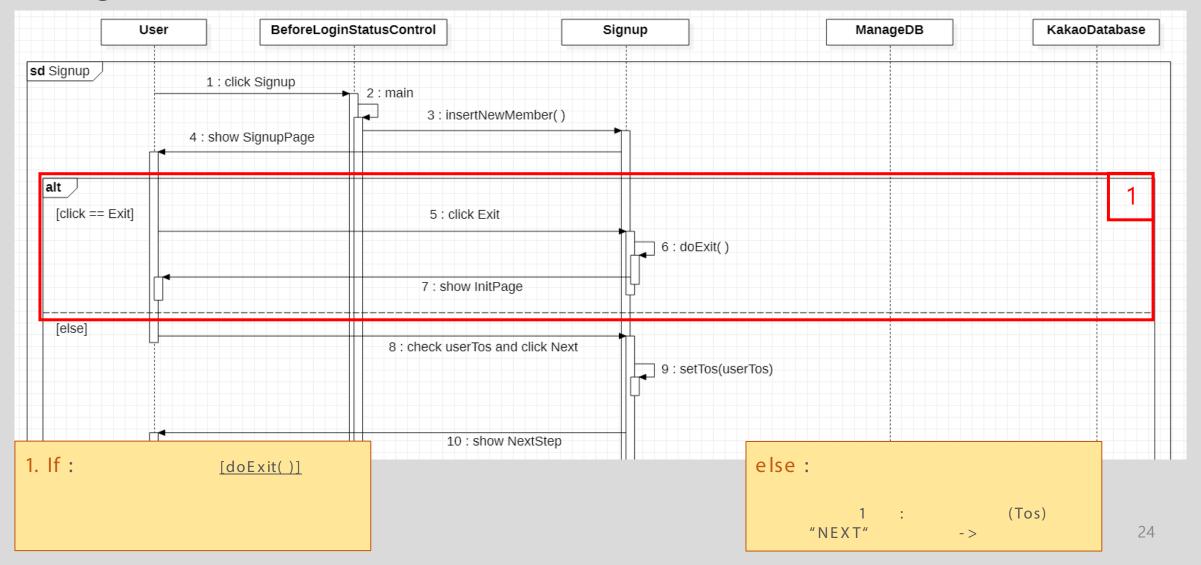
## **우7.** 시퀀스 :U1. (1)

1. :			
ArrayList			

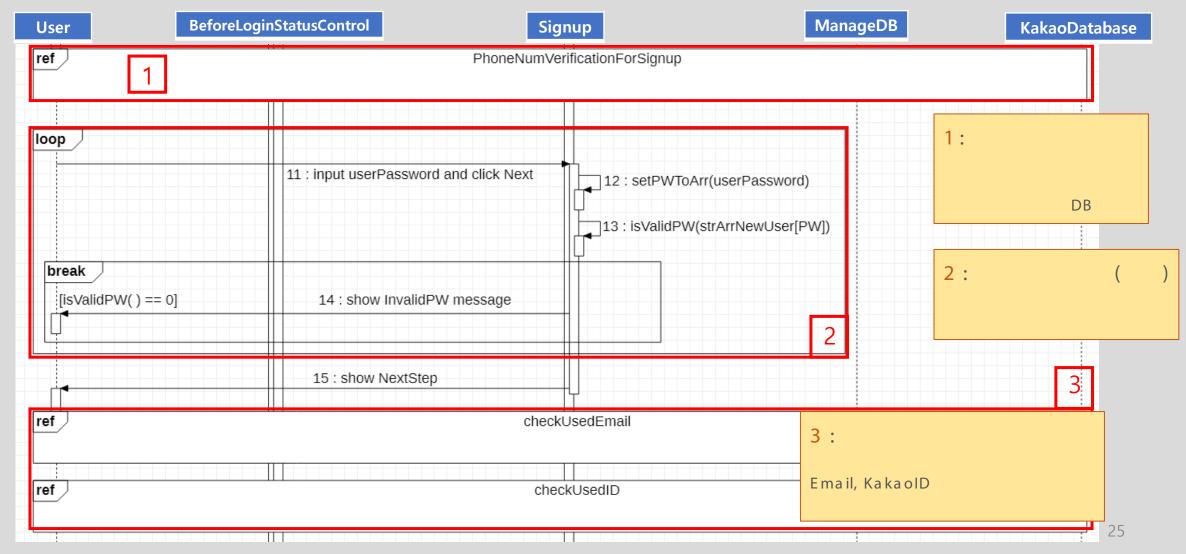
2.:
ArrayList DB



#### 897. 시퀀스 :U1. (1)

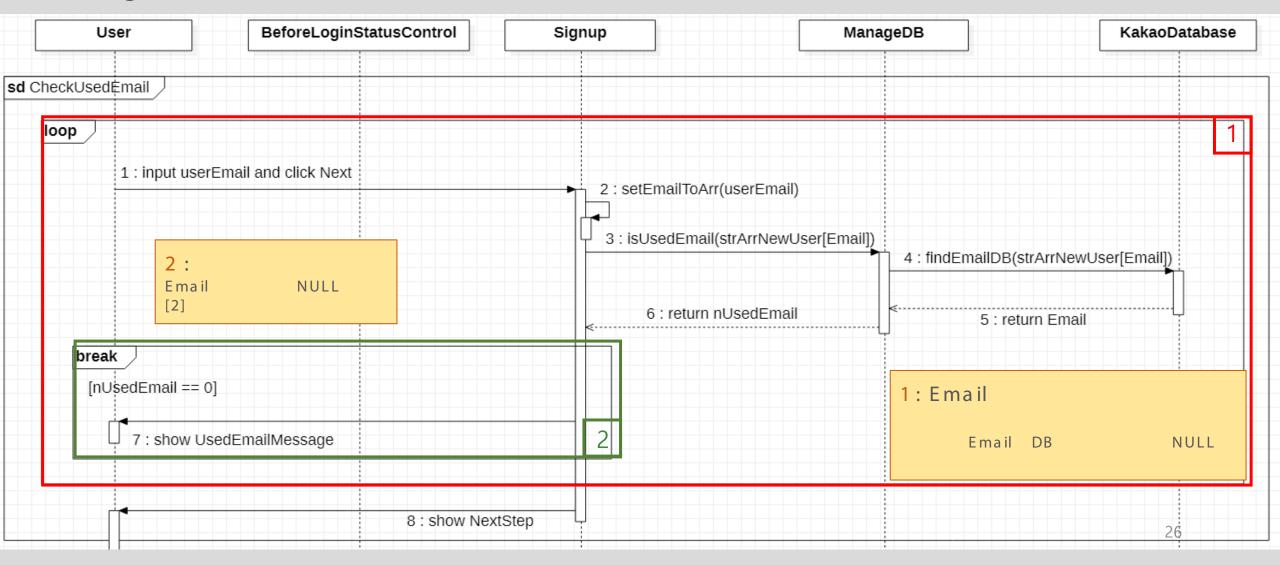


**우** 7. 시퀀스 :U1. (2)

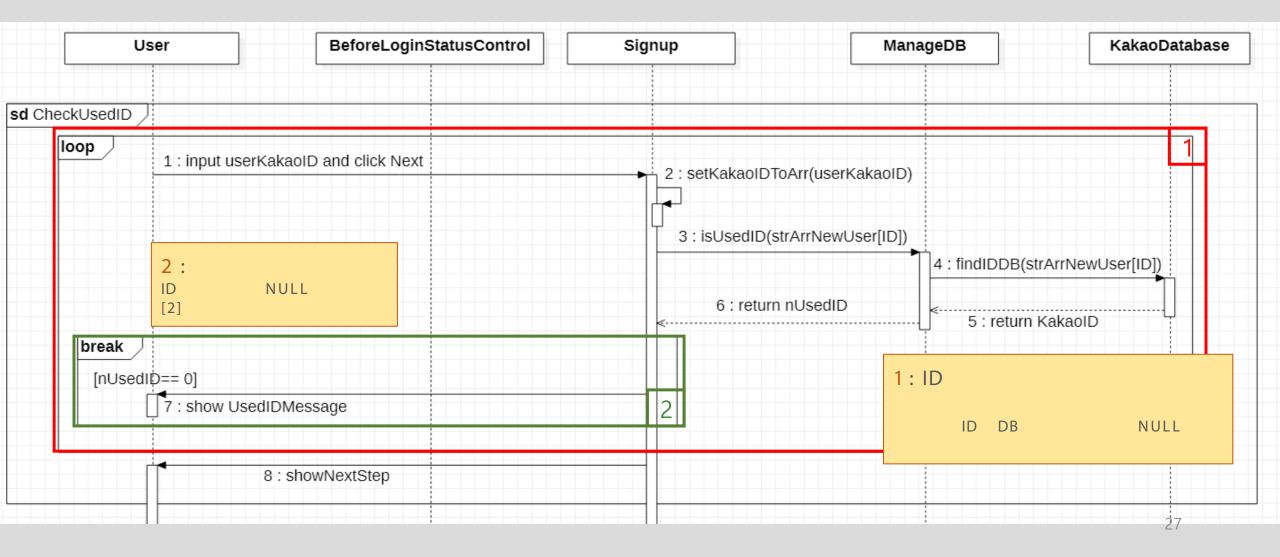


97.시퀀스 :U1.

(2-1) – Email



**97.** 시퀀스 :U1. (2-2)-ID

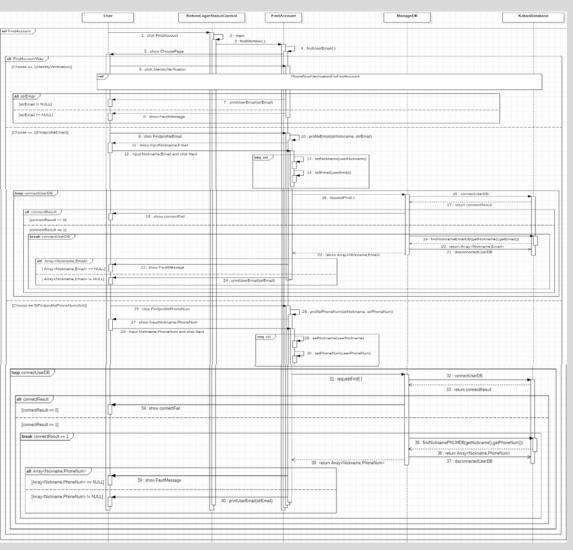


97. 시퀀스 :U1.

(3) Signup **BeforeStatusControl** ManageDB KakaoDatabase User 16: input Additional userInfo and click Next 17 : setGenderToArr(userGender) 18: setBirthToArr(userBirthday) 19 : setNicknameToArr(userNickname) 20: insertNewUser() 21: insertUserDB(bTos, strArrNewUser) 22 : return insertResult alt [insertResult == 0] 23 : show insertFail 25 : show SignupComplete 24 : disconnectUserDB 26: return int Signup DB DB

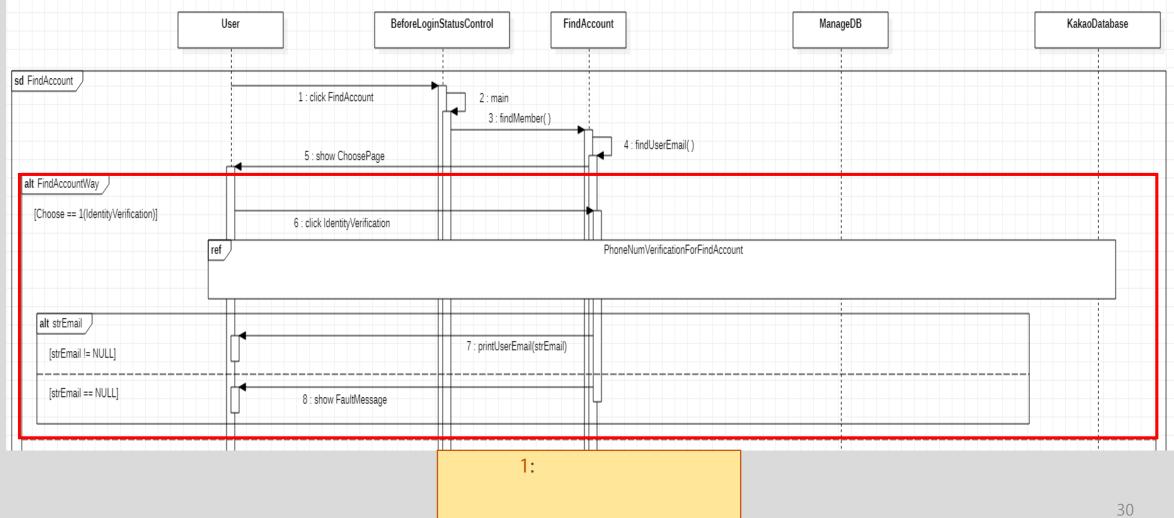
## 897.人

#### :U2.

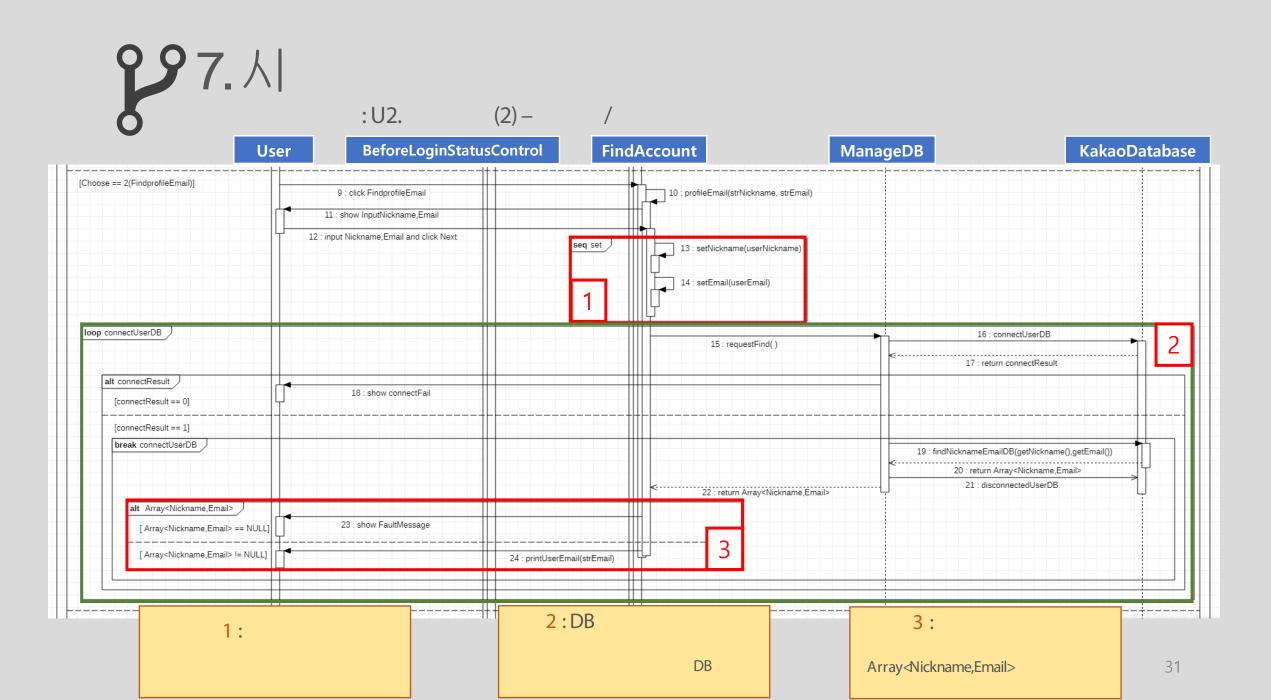


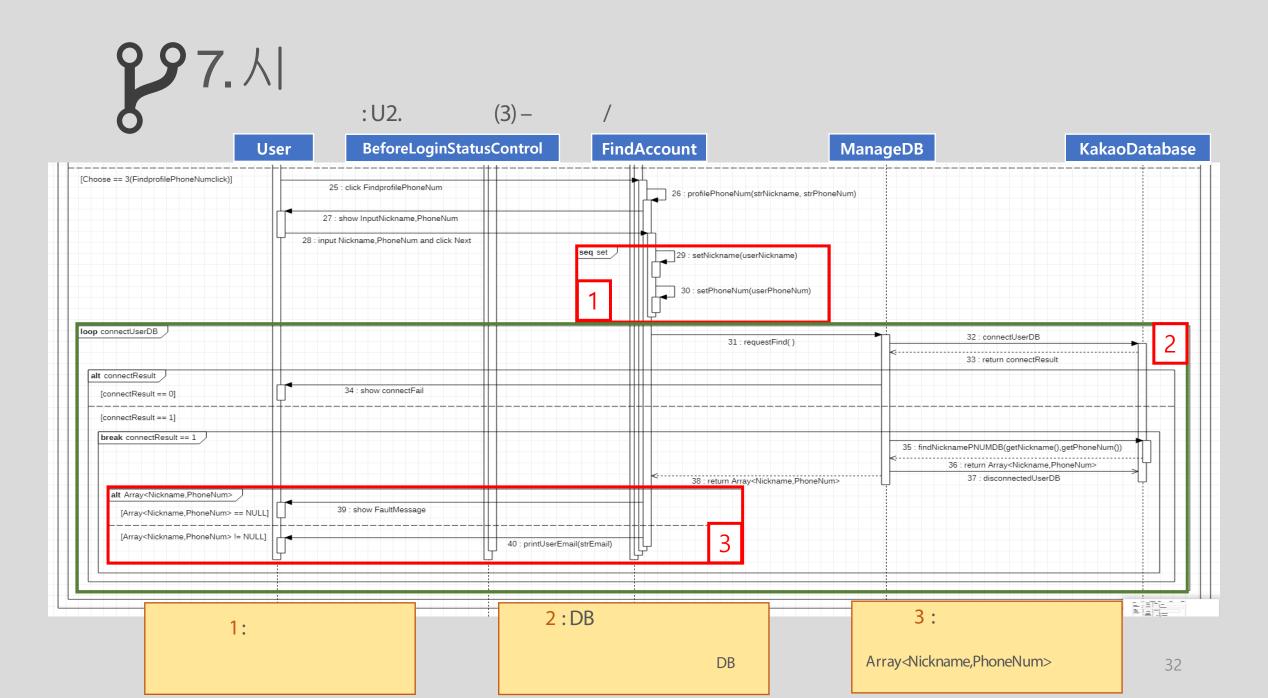


: U2. (1) –



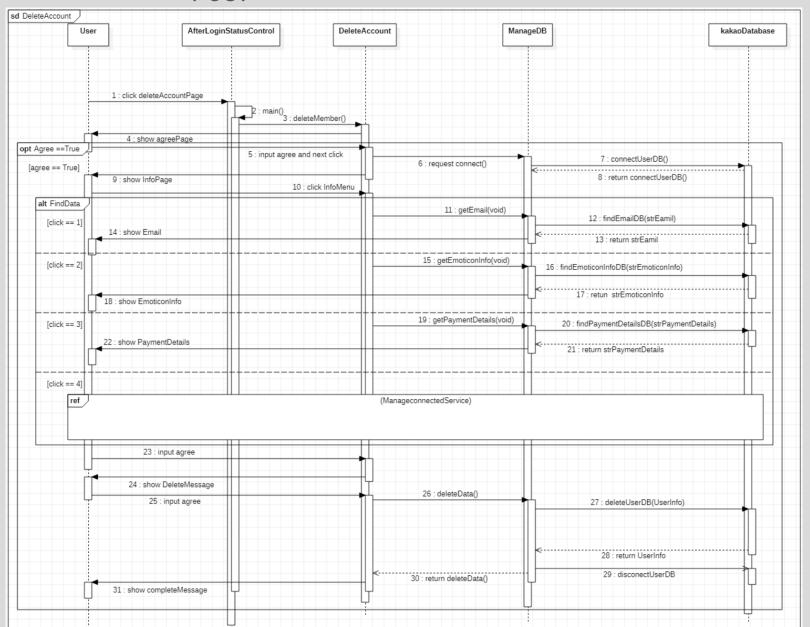
-PhoneNumVerificationForFindAccount





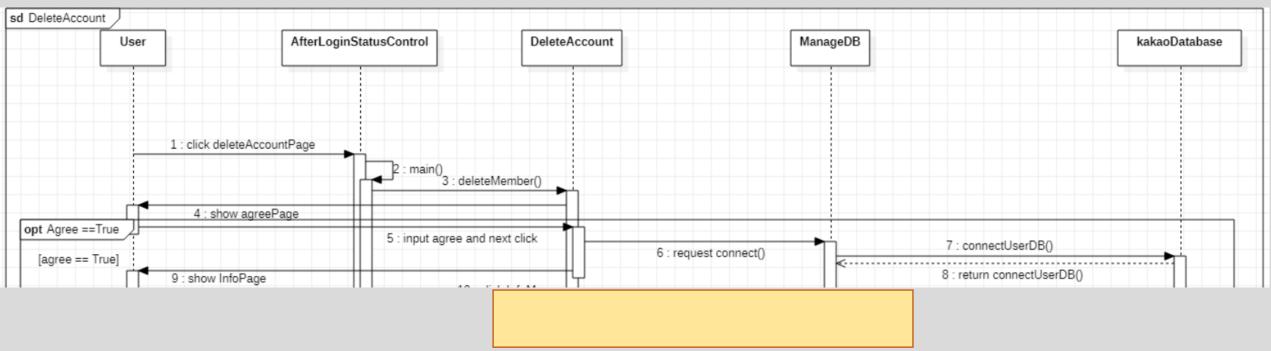
P 7.

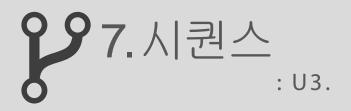
: U3.

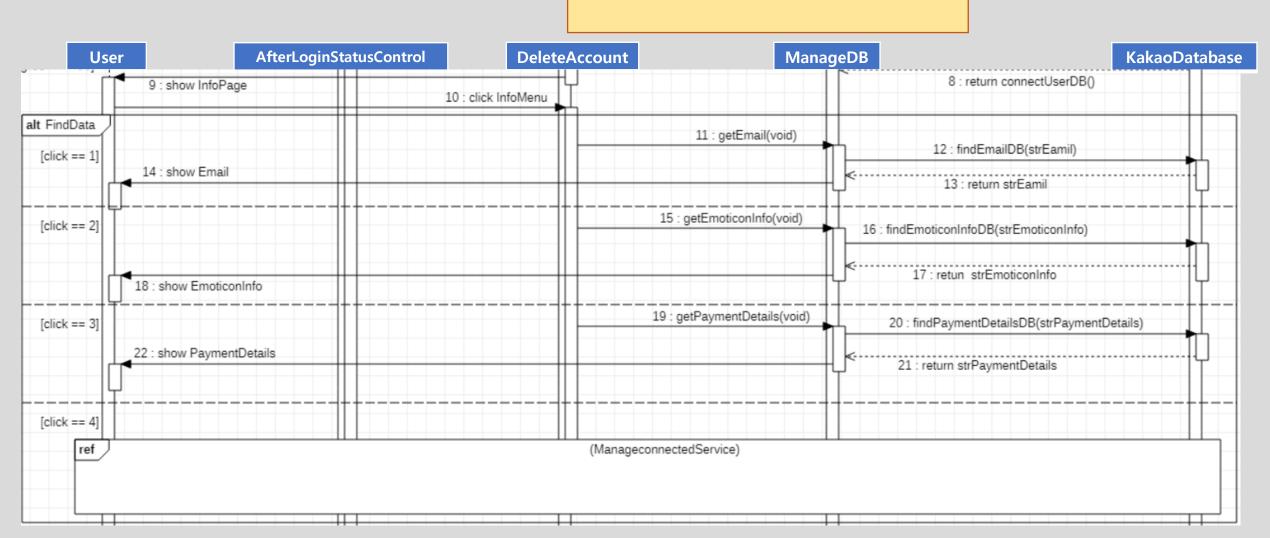


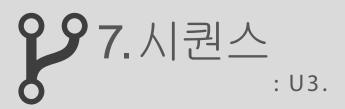


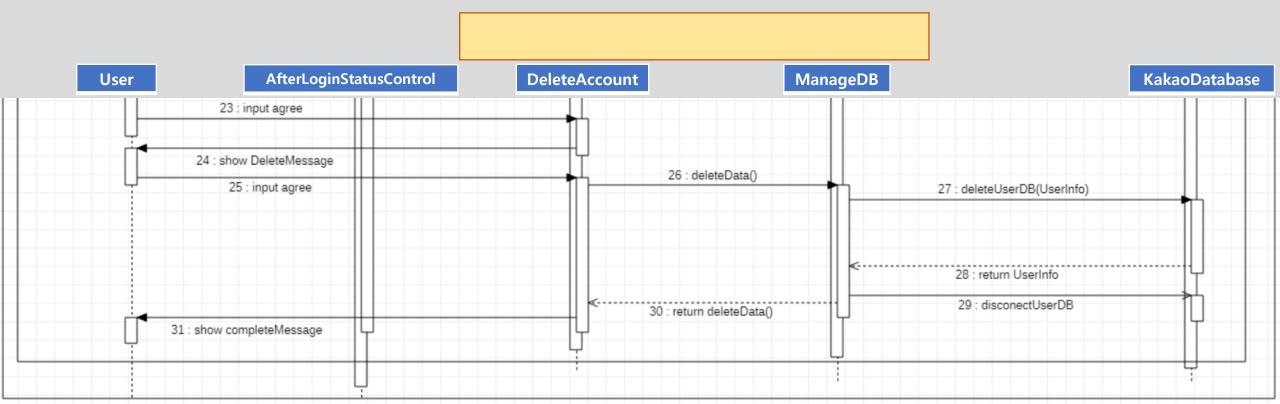
: U3.



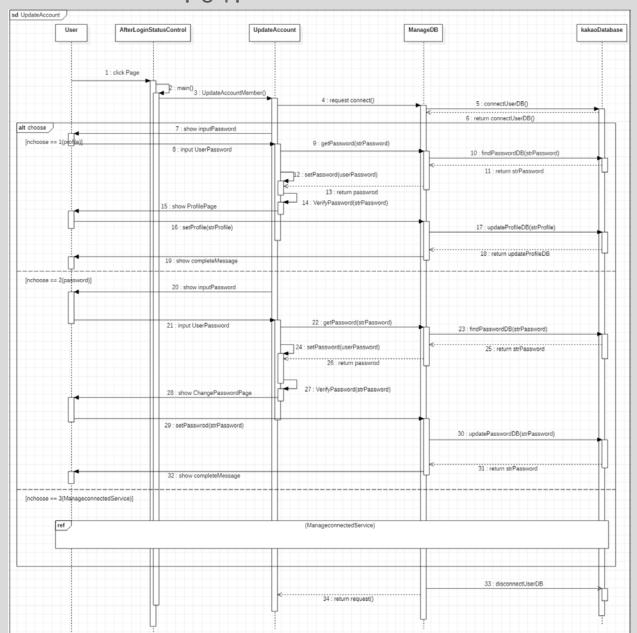


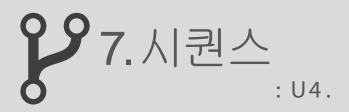


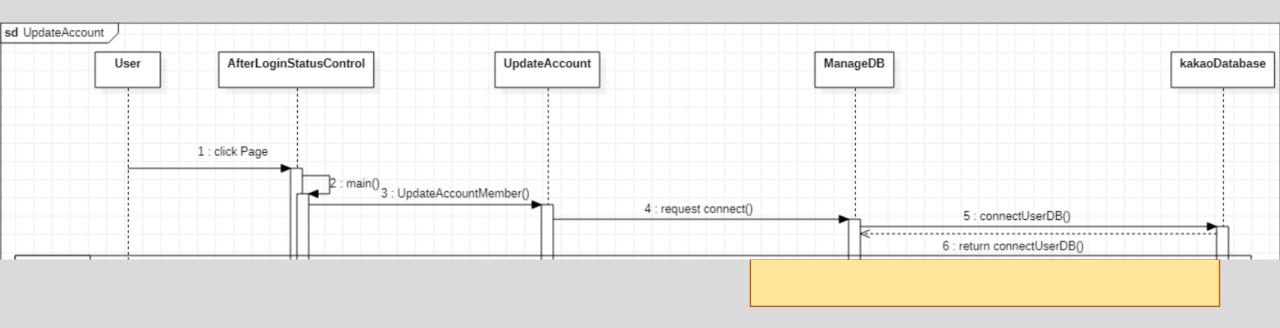


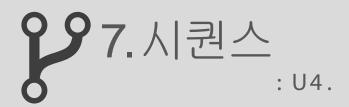


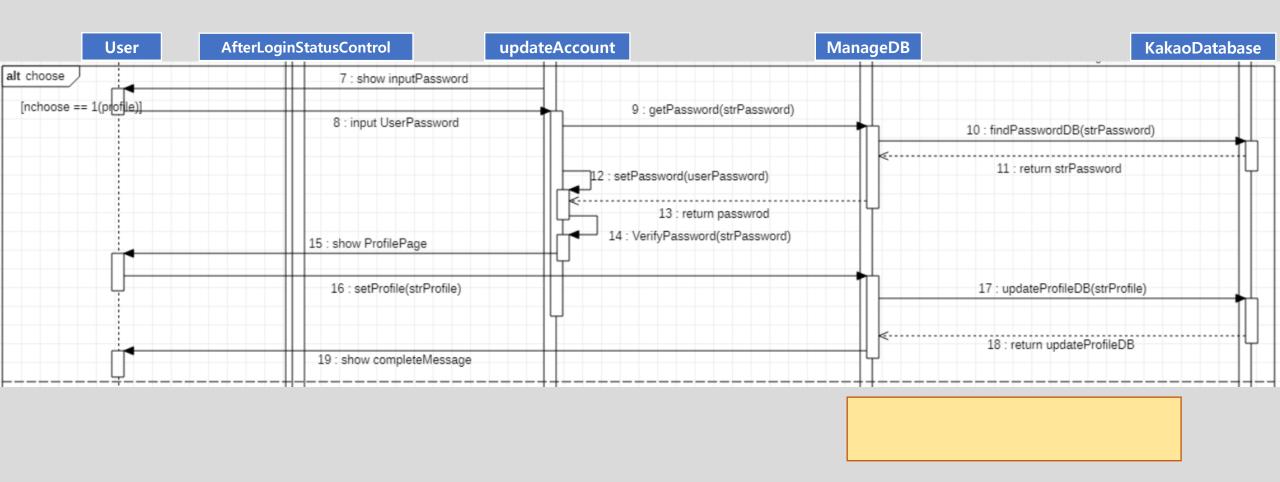
**97.**시퀀스 : U4.

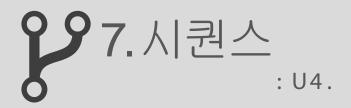


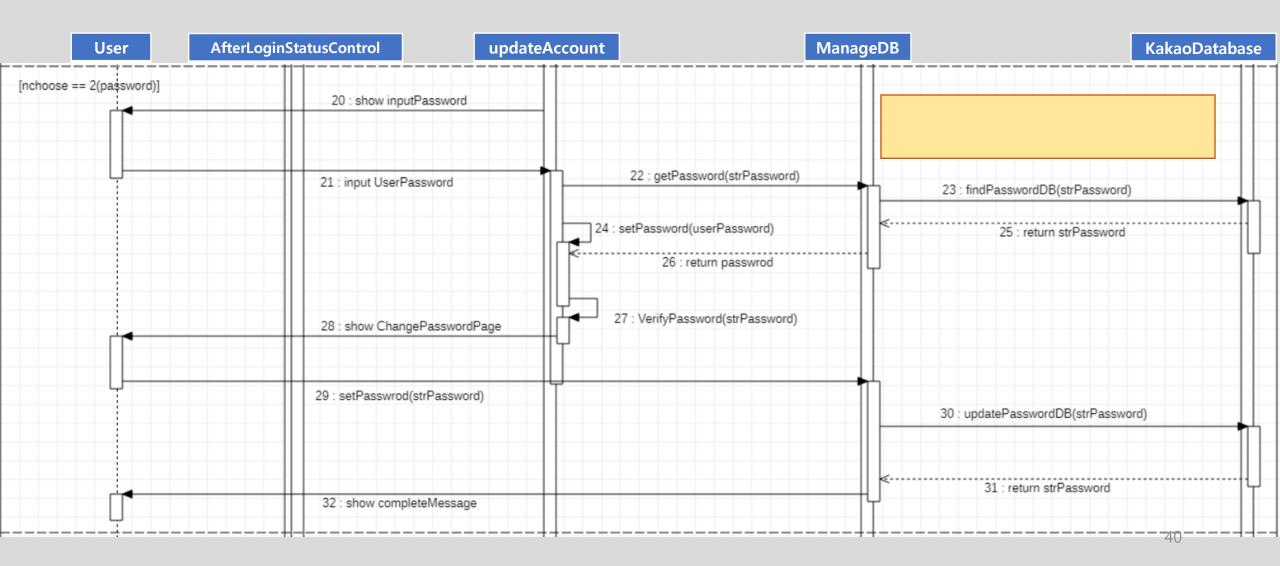


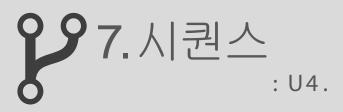


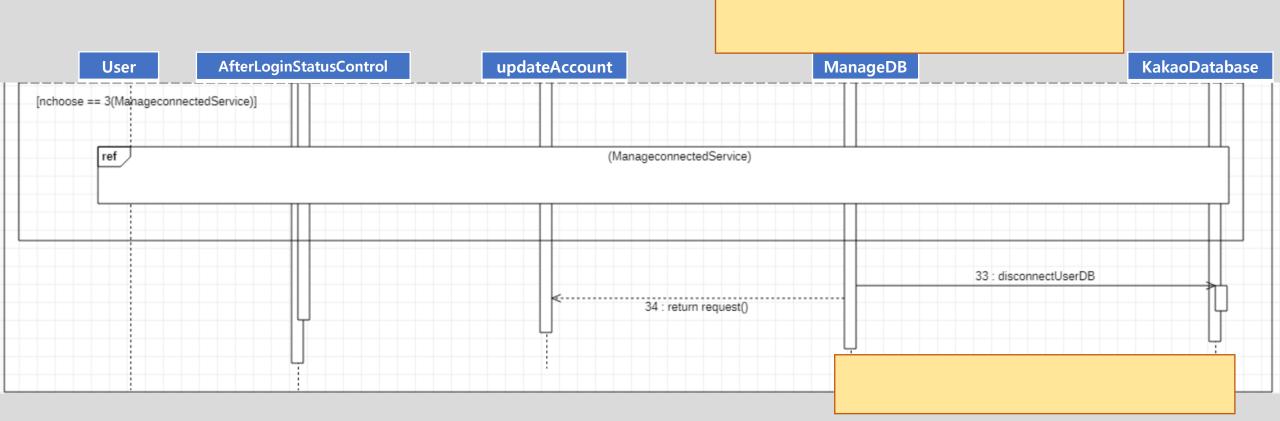






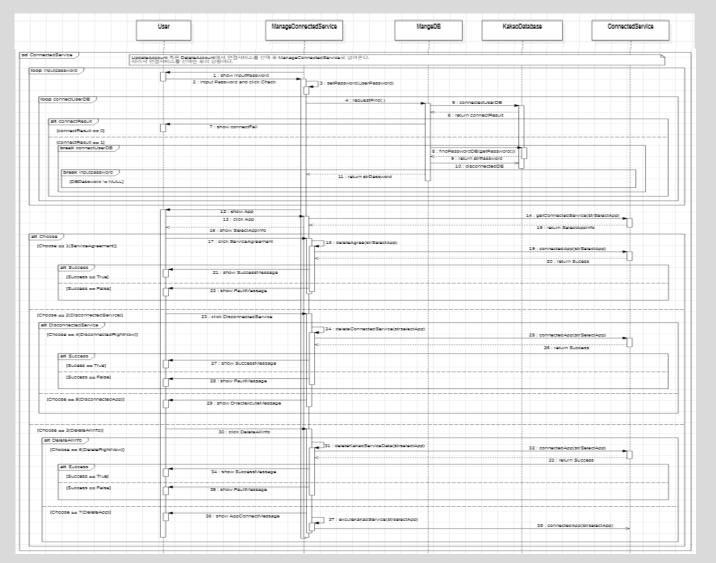






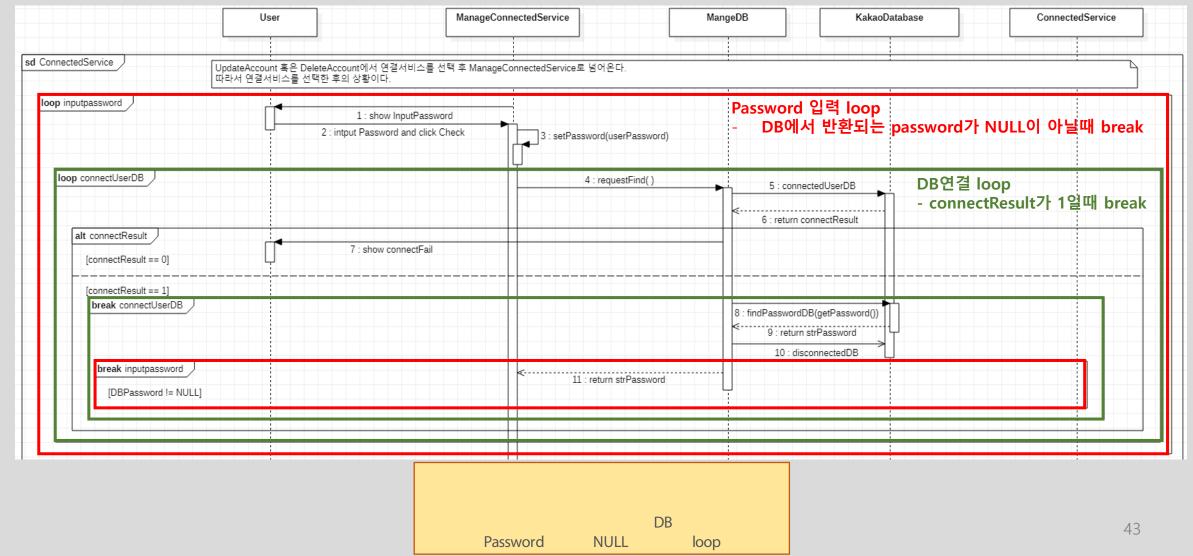
# 87.人

#### : U5.



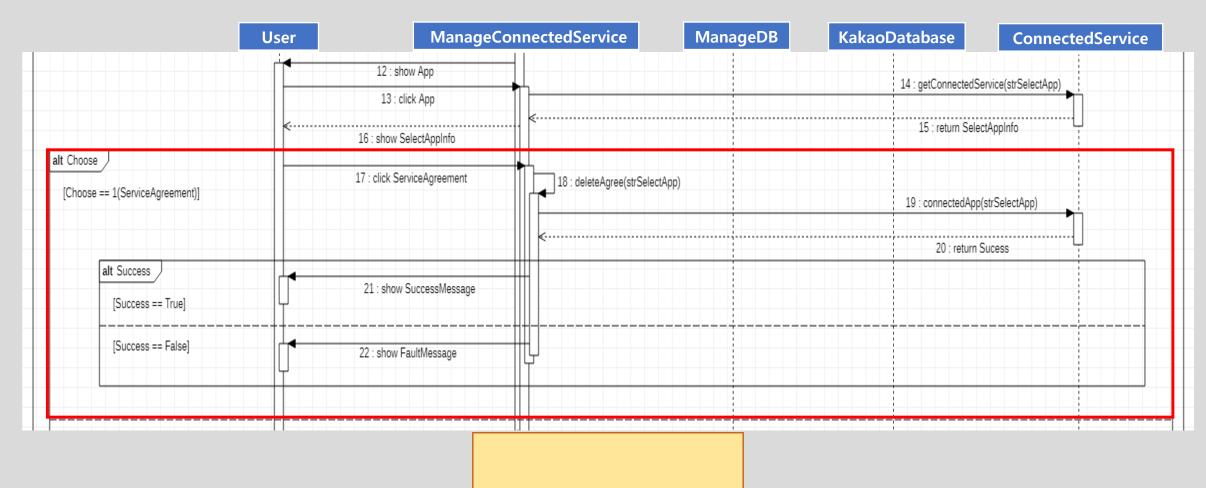


: U5. (1) –



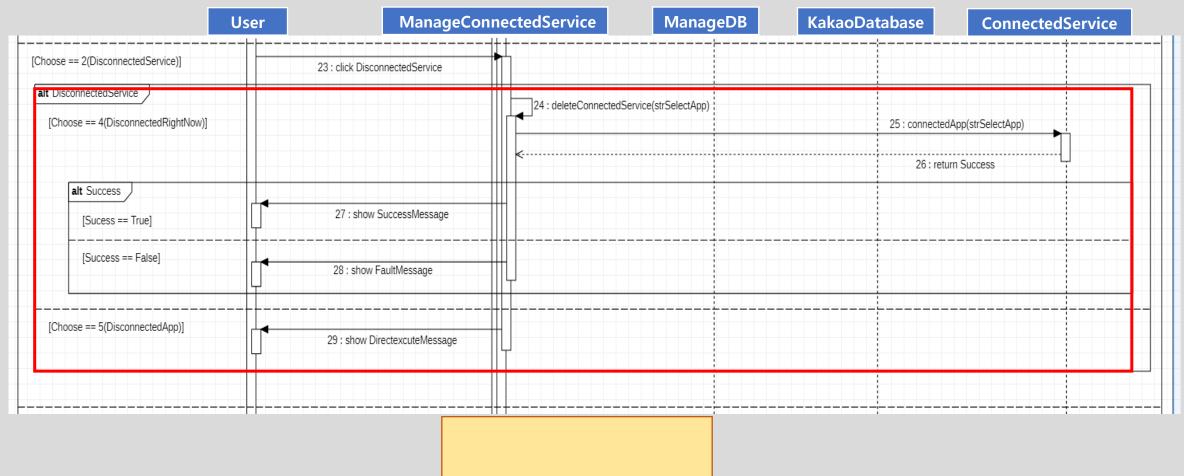
87.人

: U5. (2) –



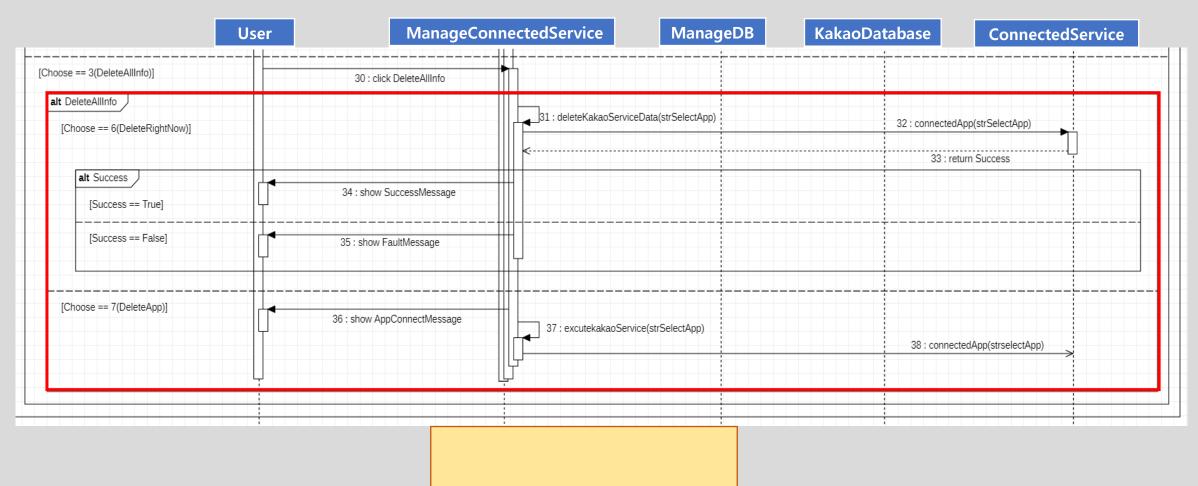


: U5. (3) -



87.人

: U5. (4) –

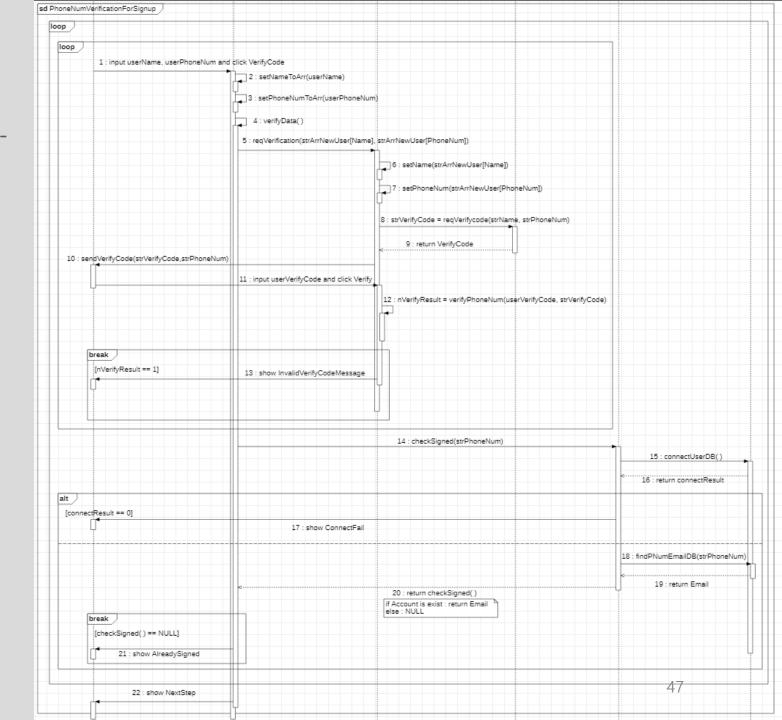


### 97.시퀀스 :U6.

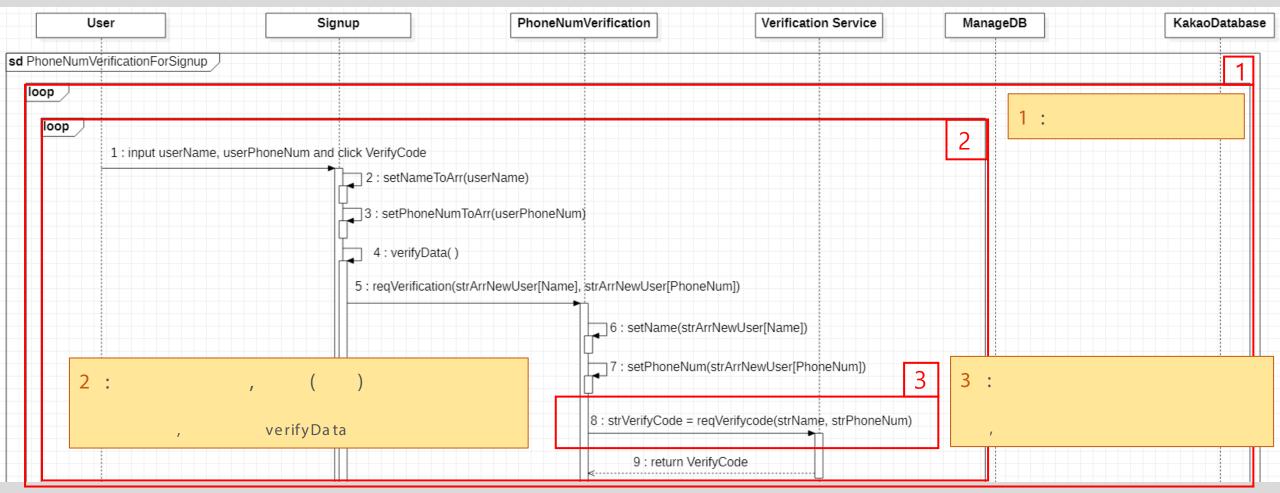
1. :

2.:

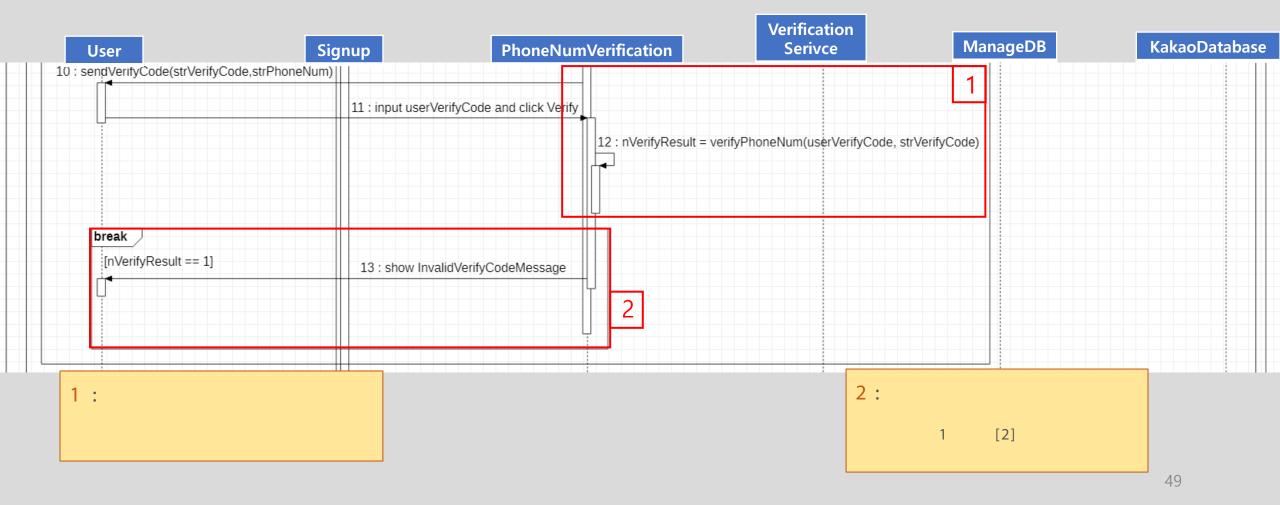
[1]



# **97.** 시퀀스 :U6. - (1)



### **97.**시퀀스 :U6. - (2)



97.시퀀스 :U6.

Verification ManageDB KakaoDatabase User Signup **PhoneNumVerification** Serivce 14 : checkSigned(strPhoneNum) 2 : DB 15: connectUserDB() 16 : return connectResult [2] alt [connectResult == 0] 17: show ConnectFail 18: findPNumEmailDB(strPhoneNum) 19: return Email 20 : return checkSigned() if Account is exist : return Email else : NULL break [checkSigned() == NULL] 21: show AlreadySigned , DB Email 22: show NextStep 50

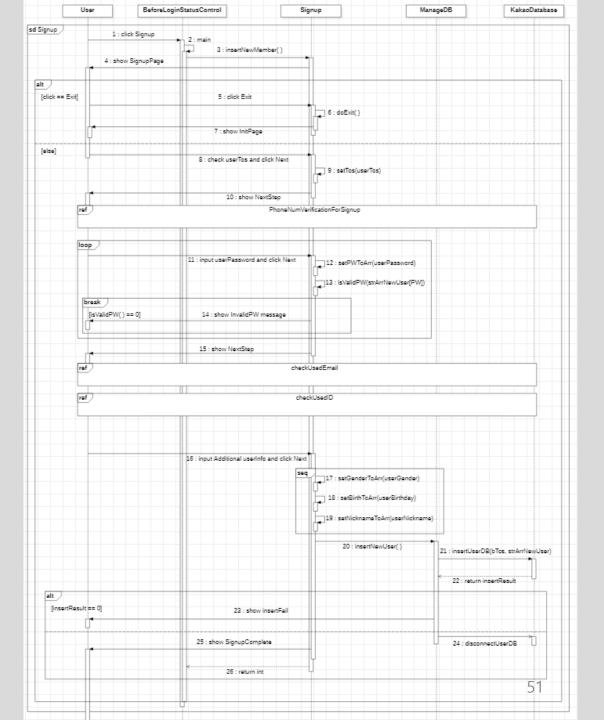
(3)

# **97.**시퀀스:U1.

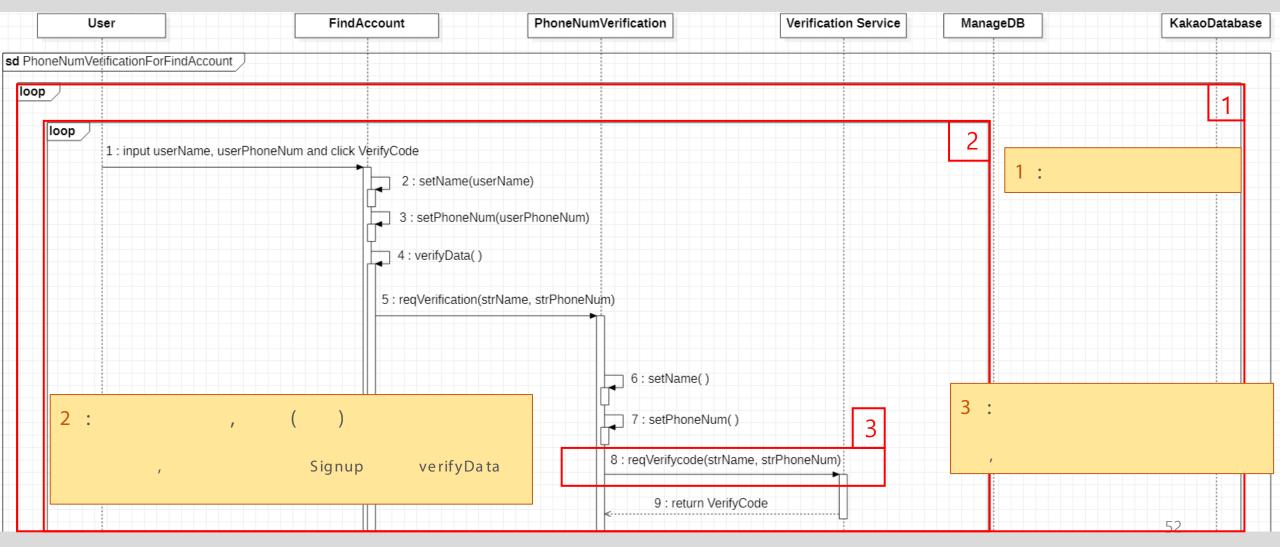
1. :

2.

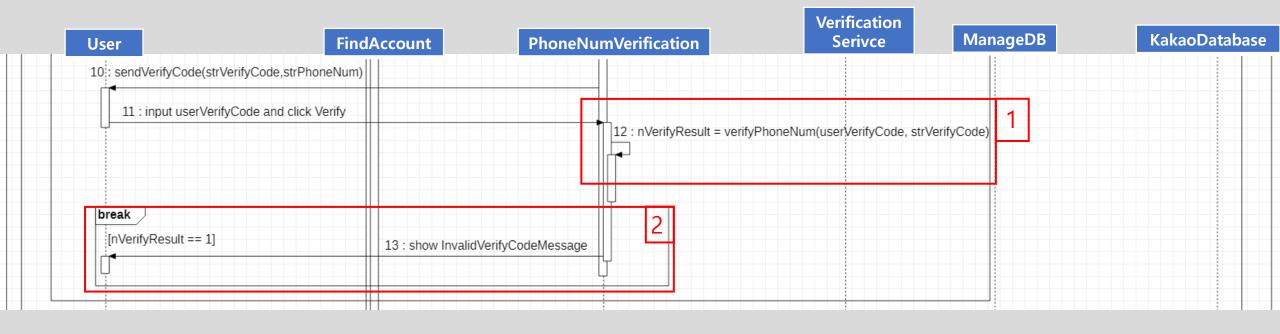
[1]



**97.** 시퀀스 :U6. - (1)



## **97.**시퀀스 :U6. - (2)



1: 2: 1 [2]

**97.**시퀀스 :U6. - (3)

