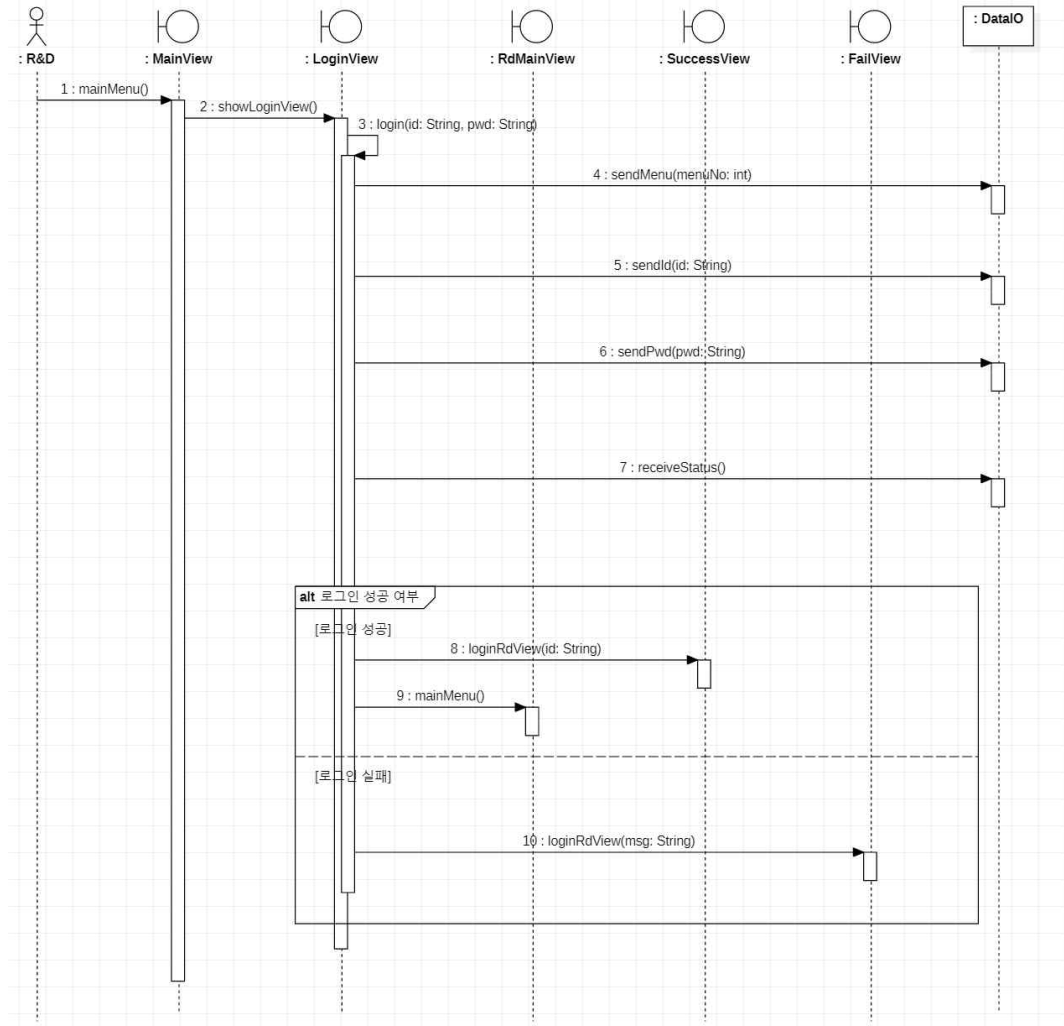
Sequence Diagram

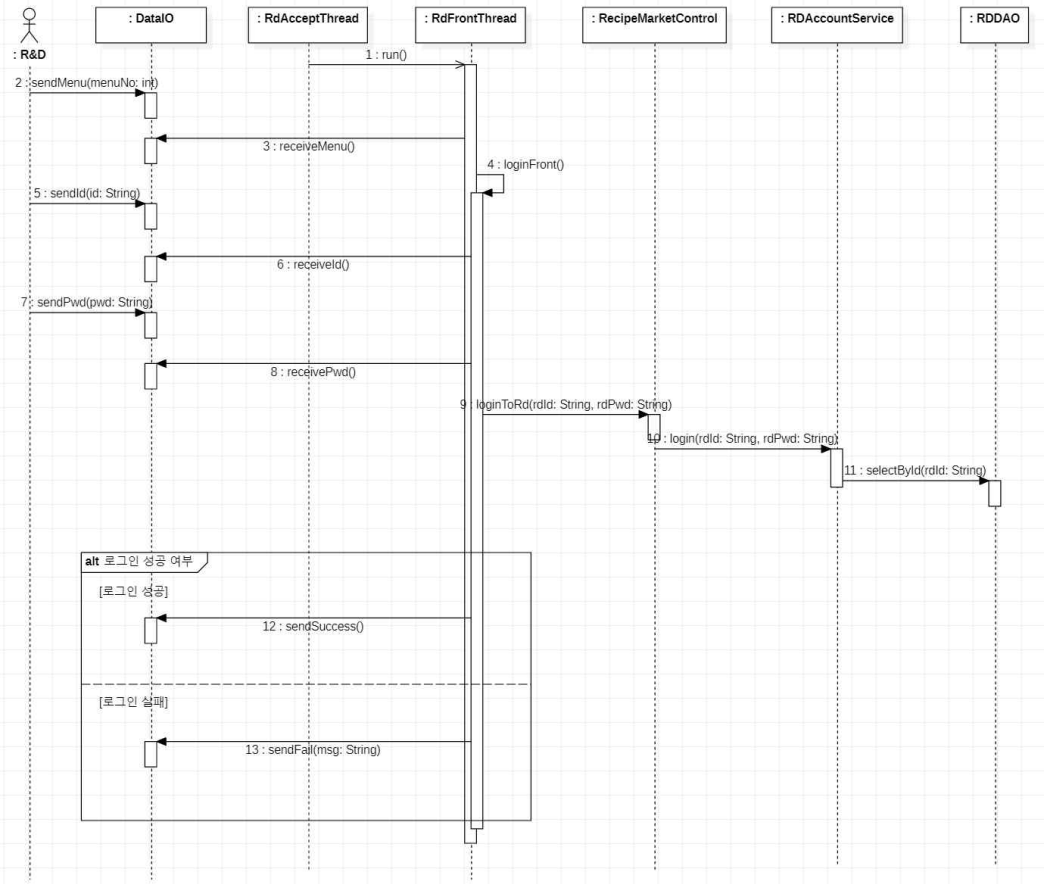
2. RD

NO	Sequence Diagram명	비고
1	SD_R_로그인	
2	SD_S_로그인	
3	SD_R_로그아웃	
4	SD_S_로그아웃	
5	SD_R_이름으로검색	
6	SD_S_이름으로검색	
7	SD_R_재료로검색	
8	SD_S_재료로검색	
9	SD_R_코드로검색	
10	SD_S_코드로검색	
11	SD_R_레시피등록	
12	SD_R_레시피등록	
13	SD_R_레시피수정	
14	SD_S_레시피수정	
15	SD_R_레시피삭제	
16	SD_S_레시피삭제	
17	SD_R_레시피전체조회	
18	SD_S_레시피전체조회	
19	SD_R_레시피후기보기	
20	SD_S_레시피후기보기	
21	SD_R_추천레시피(로그인 전)	
22	SD_R_추천레시피(로그인 후)	
23	SD_S_추천레시피	

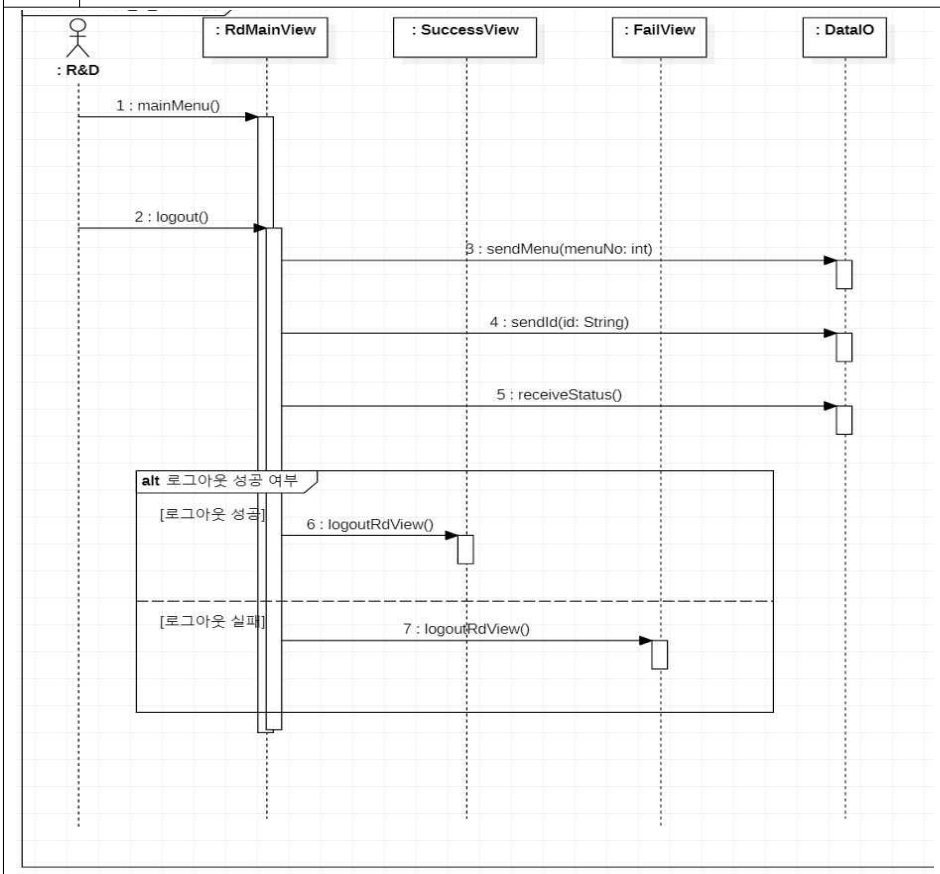
1	SD_R_로그인


: R&D
: MainView
: LoginView
: RdMainView
: SuccessView
: FailView
: DataIO
1 : mainMenu()
2 : showLoginView()
3 : login(id: String, pwd: String)
4 : sendMenu(menuNo: int)
5 : sendId(id: String)
6 : sendPwd(pwd: String)
7 : receiveStatus()
alt 로그인 성공 여부
[로그인 성공]
8 : loginRdView(id: String)
9 : mainMenu()
[로그인 실패]
10 : loginRdView(msg: String)

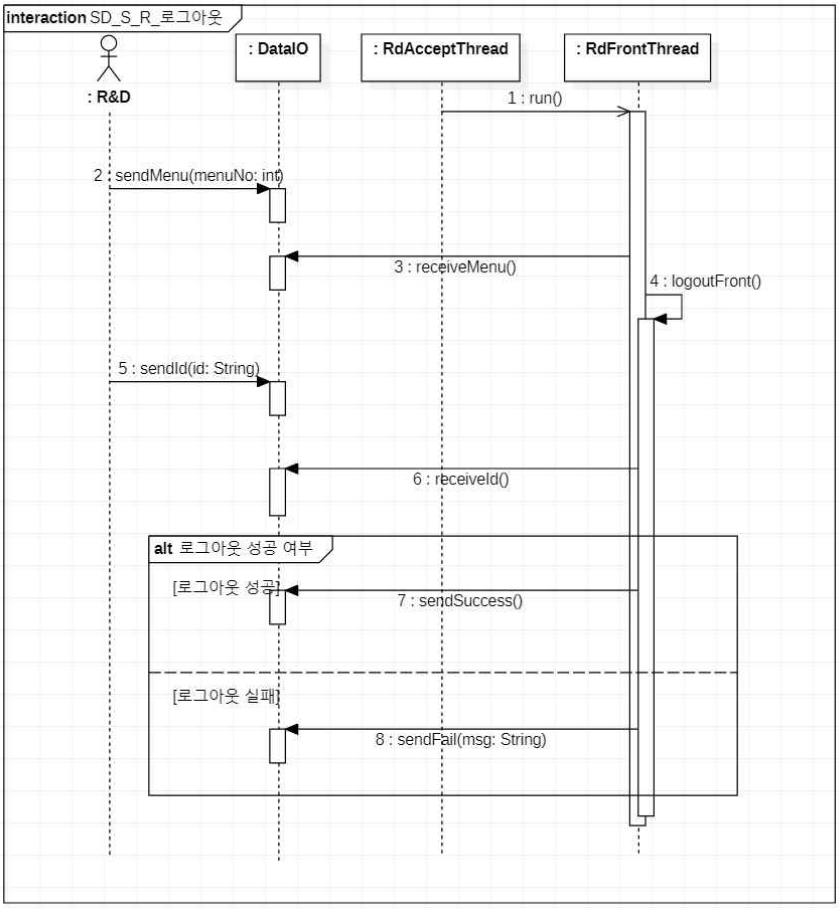
2	SD_S_로그인


: R&D
: DataIO
: RdAcceptThread
: RdFrontThread
: RecipeMarketControl
: RDAccountService
: RDDAO
1 : run()
2 : sendMenu(menuNo: int)
3 : receiveMenu()
4 : loginFront()
5 : sendId(id: String)
6 : receiveId()
7 : sendPwd(pwd: String)
8 : receivePwd()
9 : loginToRd(rdId: String, rdPwd: String)
10 : login(rdId: String, rdPwd: String)
11 : selectById(rdId: String)
alt 로그인 성공 여부
[로그인 성공]
12 : sendSuccess()
[로그인 실패]
13 : sendFail(msg: String)

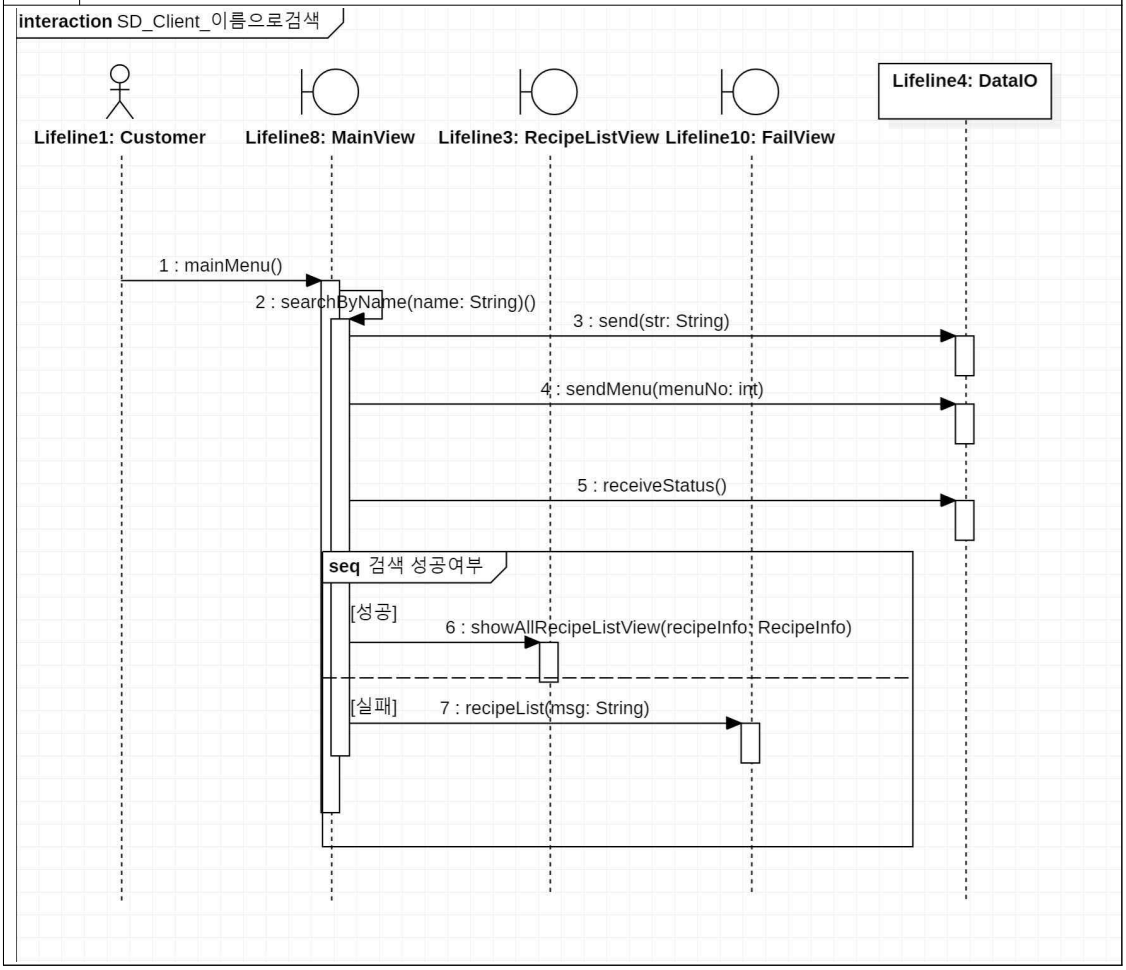
3	SD_R_로그아웃


: R&D
: RdMainView
: SuccessView
: FailView
: DataIO
1 : mainMenu()
2 : logout()
3 : sendMenu(menuNo: int)
4 : sendId(id: String)
5 : receiveStatus()
alt 로그아웃 성공 여부
[로그아웃 성공]
6 : logoutRdView()
[로그아웃 실패]
7 : logoutRdView()

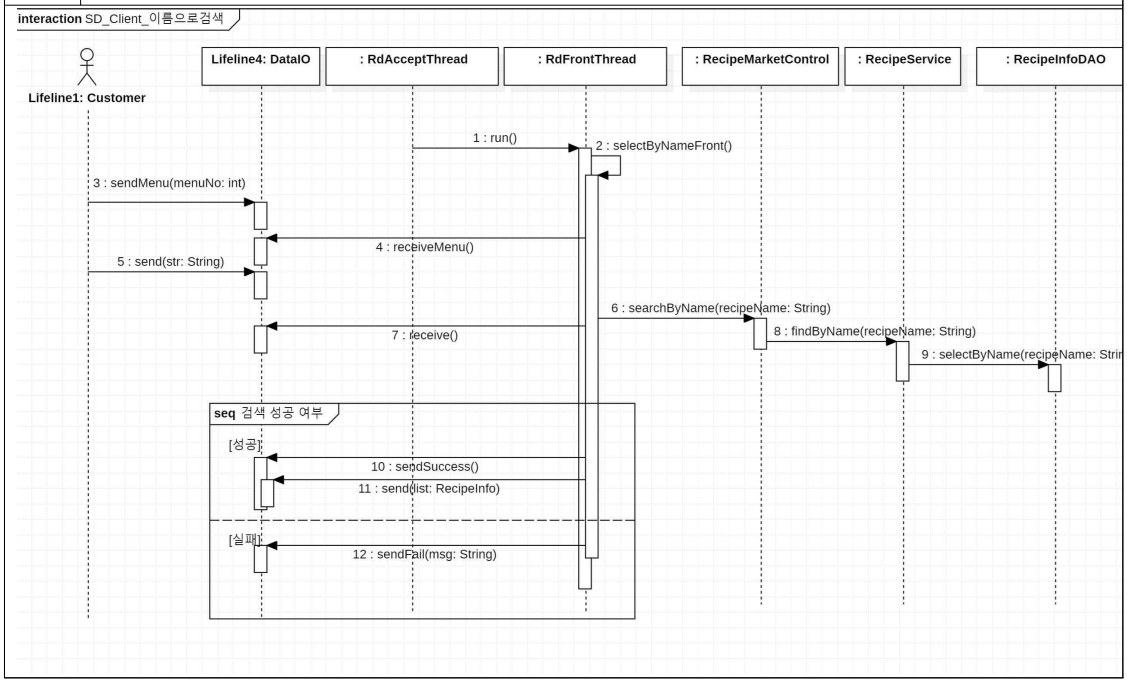
4	SD_S_로그아웃


interaction SD_S_R_로그아웃
: R&D
: DataIO
: RdAcceptThread
: RdFrontThread
1 : run()
2 : sendMenu(menuNo: int)
3 : receiveMenu()
4 : logoutFront()
5 : sendId(id: String)
6 : receiveId()
alt 로그아웃 성공 여부
[로그아웃 성공]
7 : sendSuccess()
[로그아웃 실패]
8 : sendFail(msg: String)

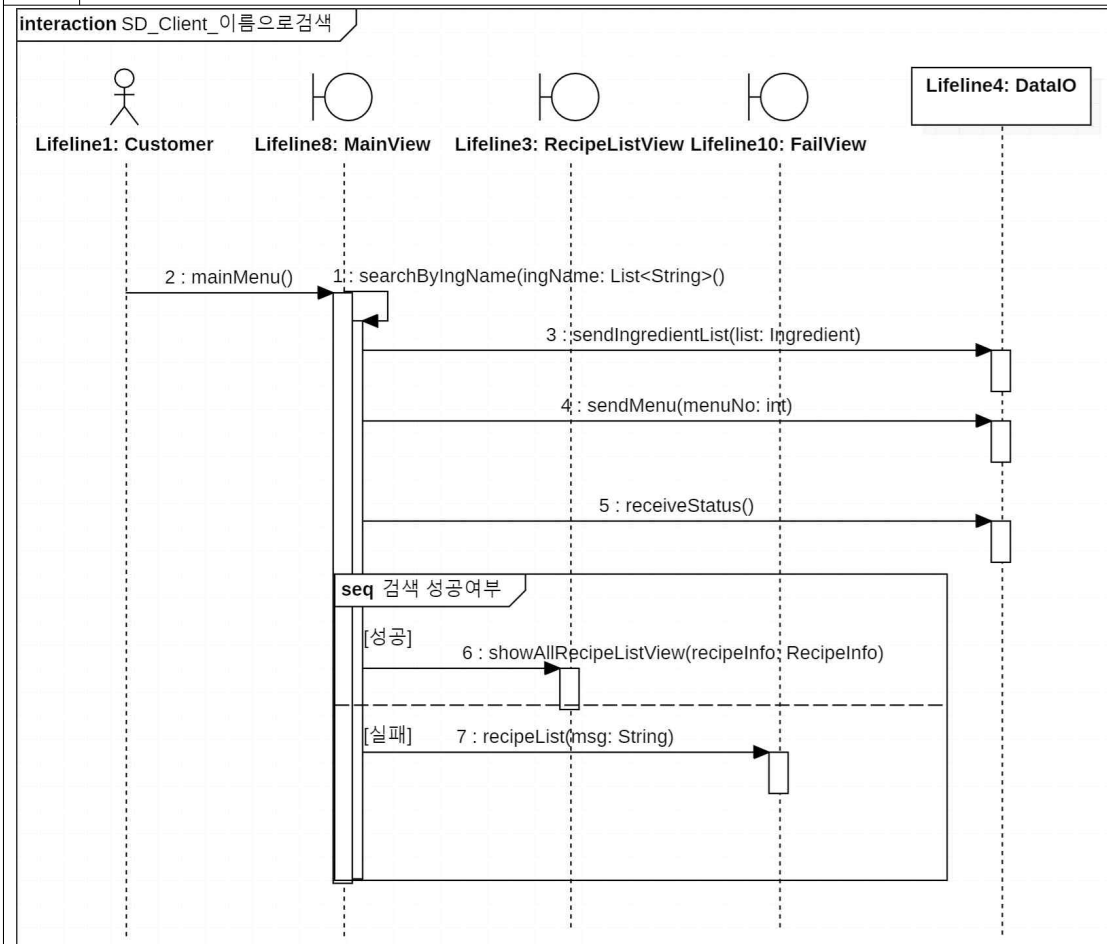
5	SD_R_레시피이름으로검색



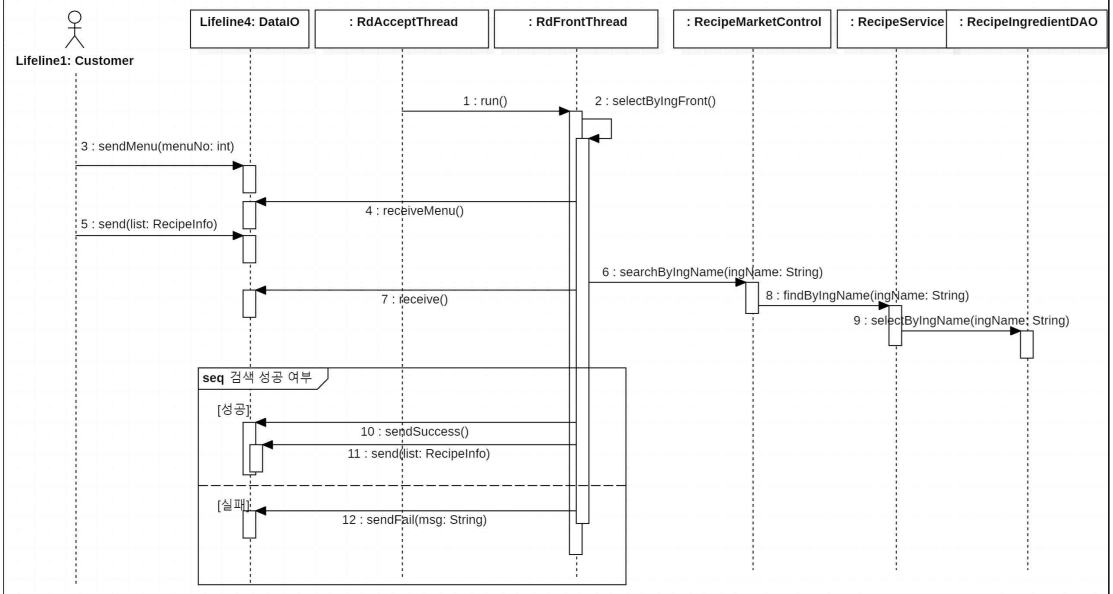
6	SD_S_이름으로검색


interaction SD_Client_이름으로검색
Lifeline1: Customer
Lifeline4: DataIO
: RdAcceptThread
: RdFrontThread
: RecipeMarketControl
: RecipeService
: RecipeInfoDAO
1 : run()
2 : selectByNameFront()
3 : sendMenu(menuNo: int)
4 : receiveMenu()
5 : send(str: String)
6 : searchByName(recipeName: String)
7 : receive()
8 : findByName(recipeName: String)
9 : selectByName(recipeName: Strin
seq 검색 성공 여부
[성공]
10 : sendSuccess()
11 : send(list: RecipeInfo)
[실패]
12 : sendFail(msg: String)

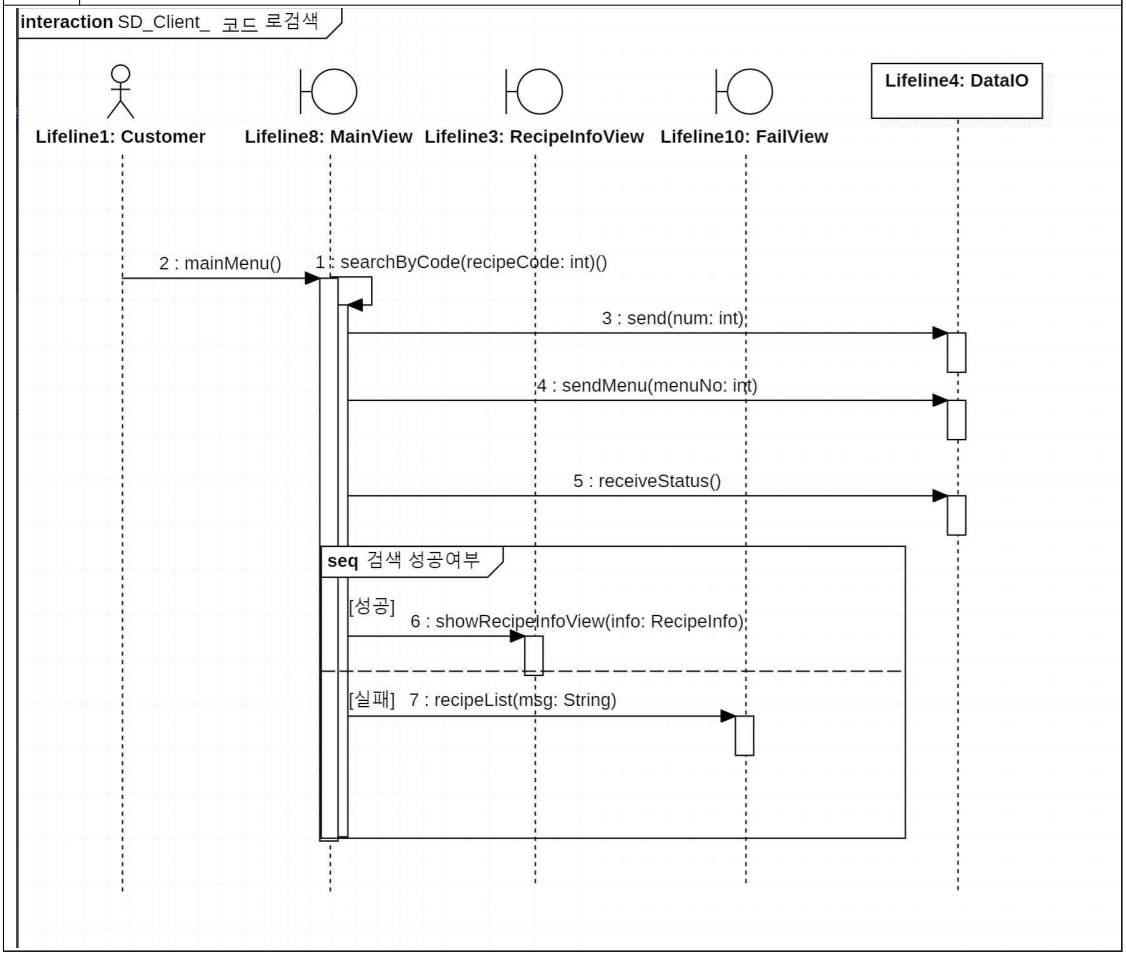
7	SD_R_재료로검색


interaction SD_Client_이름으로검색
Lifeline1: Customer
Lifeline8: MainView
Lifeline3: RecipeListView
Lifeline10: FailView
Lifeline4: DataIO
2 : mainMenu()
1 : searchByIngName(ingName: List<String>()
3 : sendIngredientList(list: Ingredient)
4 : sendMenu(menuNo: int)
5 : receiveStatus()
seq 검색 성공여부
[성공]
6 : showAllRecipeListView(recipeInfo: RecipeInfo)
[실패]
7 : recipeList(msg: String)

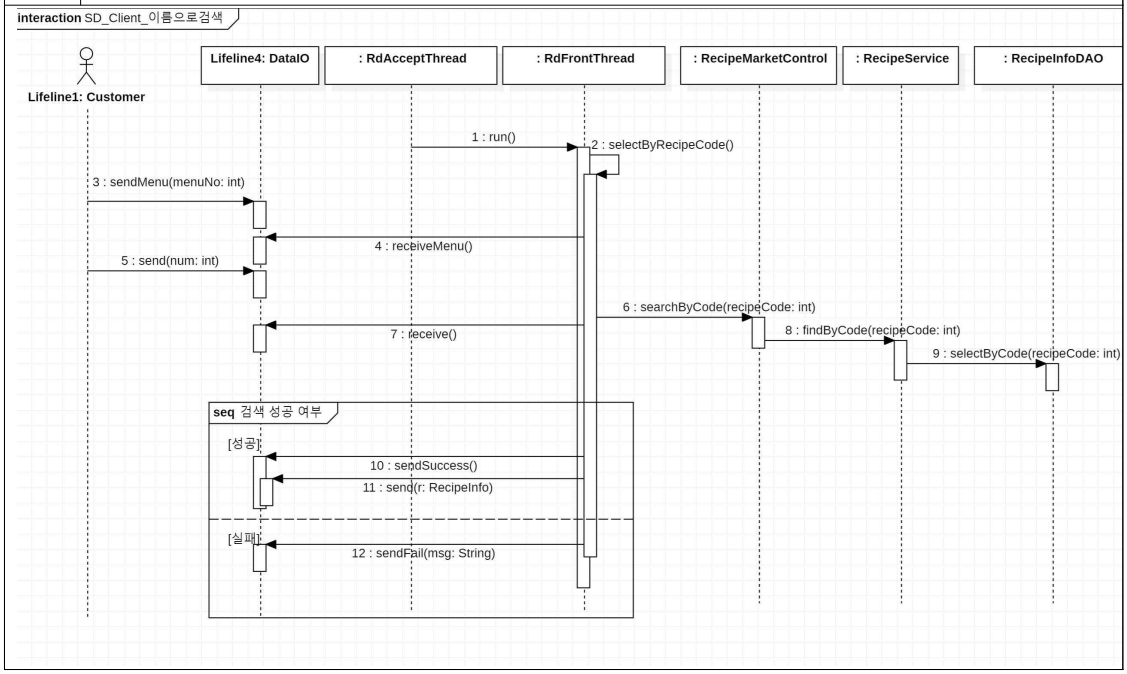
8	SD_S_재료로검색


interaction SD_Client_이름으로검색
Lifeline1: Customer
Lifeline4: DataIO
: RdAcceptThread
: RdFrontThread
: RecipeMarketControl
: RecipeService
: RecipeIngredientDAO
1 : run()
2 : selectByIngFront()
3 : sendMenu(menuNo: int)
4 : receiveMenu()
5 : send(list: RecipeInfo)
6 : searchByIngName(ingName: String)
7 : receive()
8 : findByIngName(ingName: String)
9 : selectByIngName(ingName: String)
seq 검색 성공 여부
[성공]
10 : sendSuccess()
11 : send(list: RecipeInfo)
[실패]
12 : sendFail(msg: String)

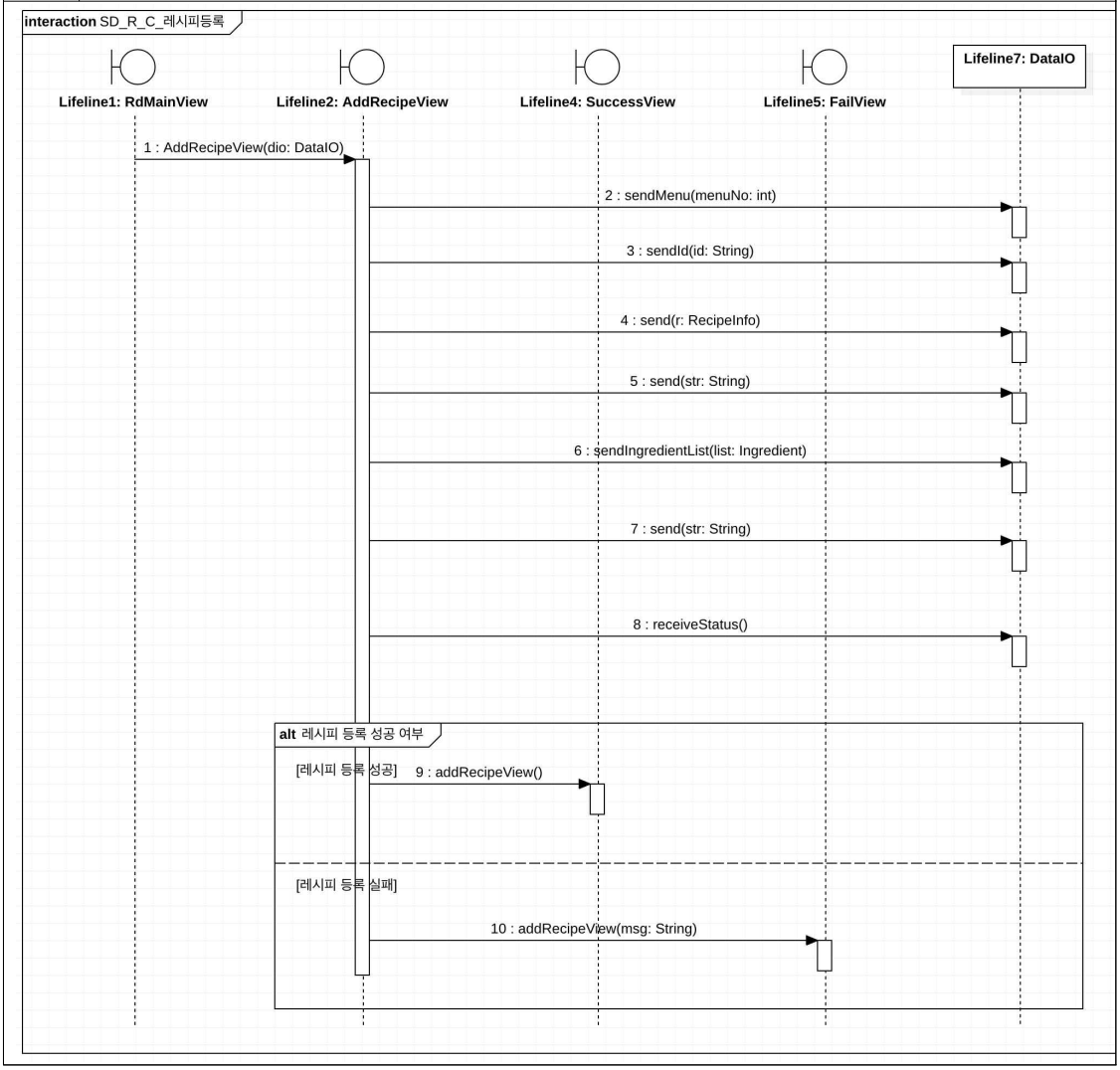
9	SD_R_코드로검색


interaction SD_Client_ 코드 로검색
Lifeline1: Customer
Lifeline8: MainView
Lifeline3: RecipeInfoView
Lifeline10: FailView
Lifeline4: DataIO
2 : mainMenu()
1 : searchByCode(recipeCode: int)()
3 : send(num: int);
4 : sendMenu(menuNo: int)
5 : receiveStatus()
seq 검색 성공여부
[성공]
6 : showRecipeInfoView(info: RecipeInfo);
[실패]
7 : recipeList(msg: String)

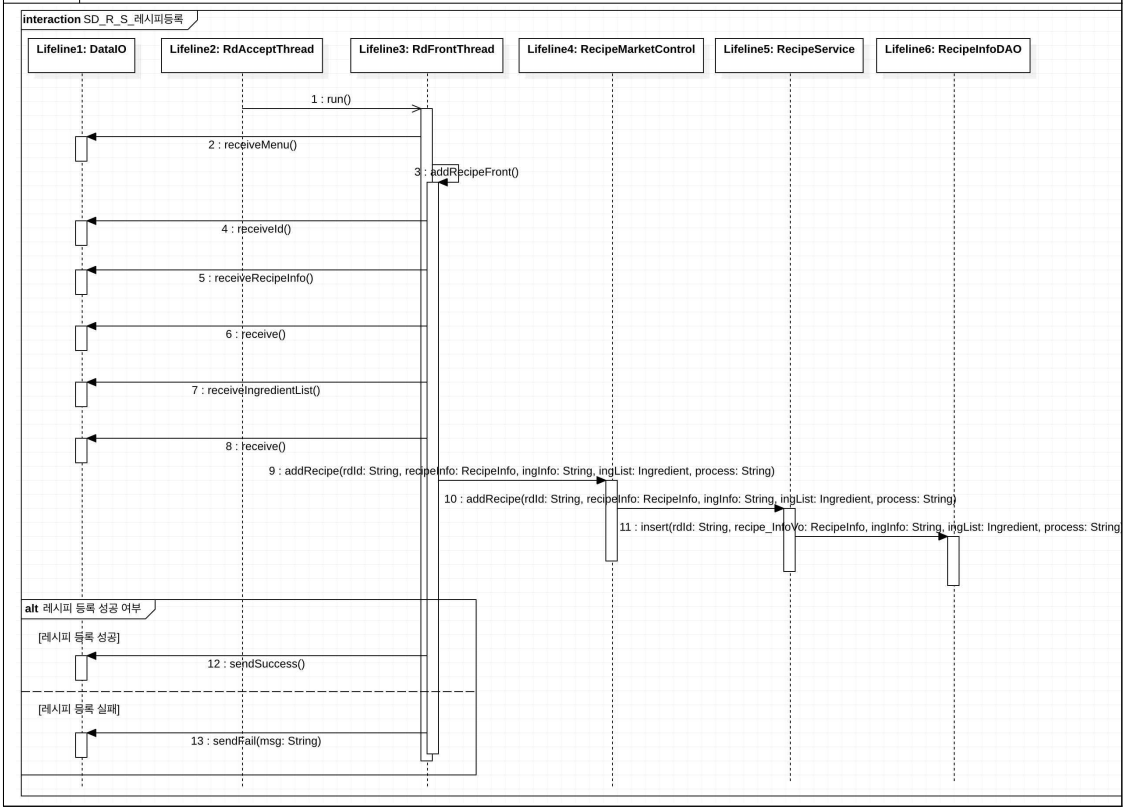
10	SD_S_코드로검색


interaction SD_Client_이름으로검색
Lifeline1: Customer
Lifeline4: DataIO
: RdAcceptThread
: RdFrontThread
: RecipeMarketControl
: RecipeService
: RecipeInfoDAO
1 : run()
2 : selectByRecipeCode()
3 : sendMenu(menuNo: int)
4 : receiveMenu()
5 : send(num: int)
6 : searchByCode(recipeCode: int)
7 : receive()
8 : findByCode(recipeCode: int)
9 : selectByCode(recipeCode: int)
seq 검색 성공 여부
[성공]
10 : sendSuccess()
11 : send(r: RecipeInfo)
[실패]
12 : sendFail(msg: String)

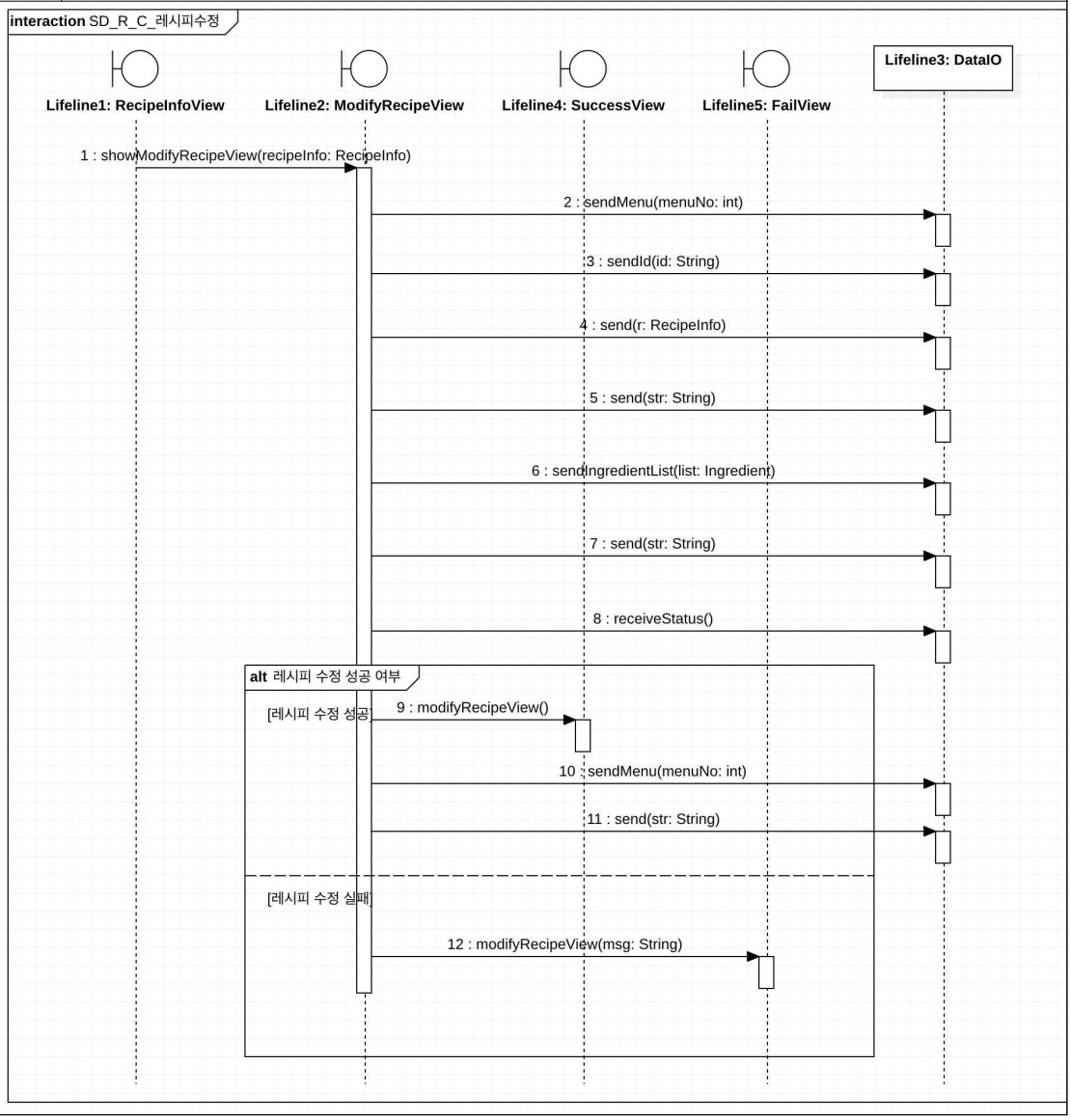
11	SD_R_레시피등록


interaction SD_R_C_레시피등록
Lifeline1: RdMainView
Lifeline2: AddRecipeView
Lifeline4: SuccessView
Lifeline5: FailView
Lifeline7: DataIO
1 : AddRecipeView(dio: DataIO)
2 : sendMenu(menuNo: int)
3 : sendId(id: String)
4 : send(r: RecipeInfo)
5 : send(str: String)
6 : sendIngredientList(list: Ingredient)
7 : send(str: String)
8 : receiveStatus()
alt 레시피 등록 성공 여부
[레시피 등록 성공]
9 : addRecipeView()
[레시피 등록 실패]
10 : addRecipeView(msg: String)

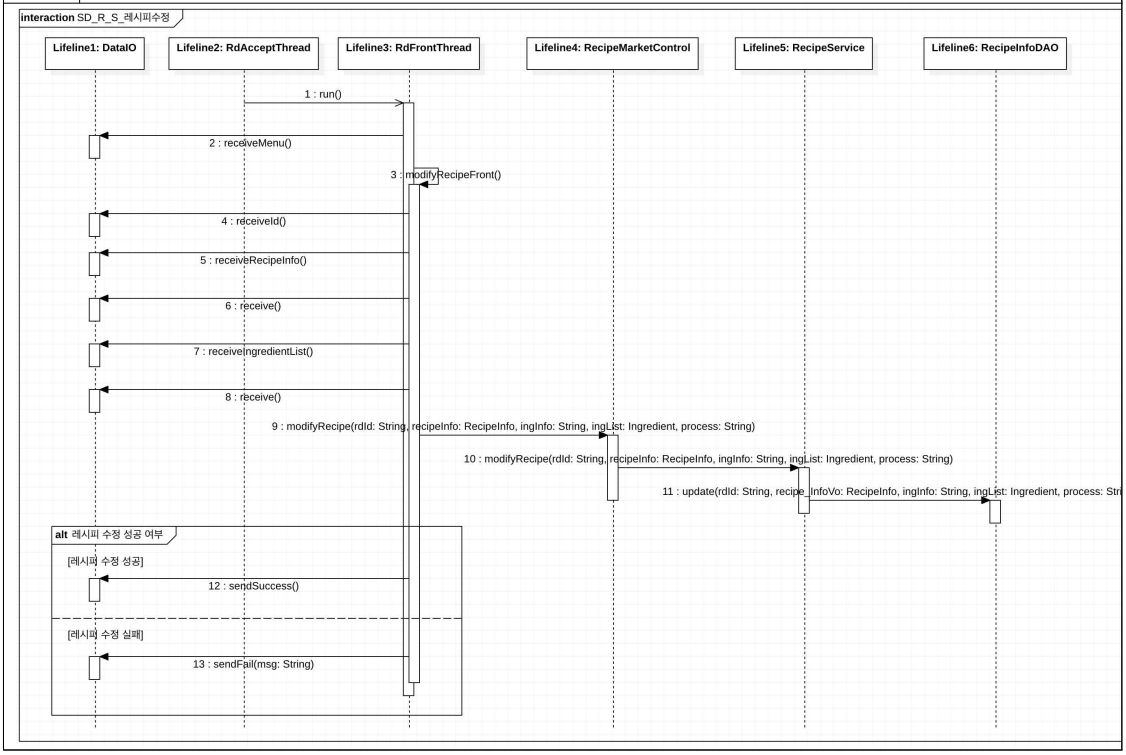
12 SD_R_레시피등록


interaction SD_R_S_레시피등록
Lifeline1: DataIO
Lifeline2: RdAcceptThread
Lifeline3: RdFrontThread
Lifeline4: RecipeMarketControl
Lifeline5: RecipeService
Lifeline6: RecipeInfoDAO
1 : run()
2 : receiveMenu()
3 : addRecipeFront()
4 : receiveId()
5 : receiveRecipeInfo()
6 : receive()
7 : receiveIngredientList()
8 : receive()
9 : addRecipe(rdId: String, recipeInfo: RecipeInfo, ingInfo: String, ingList: Ingredient, process: String)
10 : addRecipe(rdId: String, recipeInfo: RecipeInfo, ingInfo: String, ingList: Ingredient, process: String)
11 : insert(rdId: String, recipe_InfoVo: RecipeInfo, ingInfo: String, ingList: Ingredient, process: String
alt 레시피 등록 성공 여부
[레시피 등록 성공]
12 : sendSuccess()
[레시피 등록 실패]
13 : sendFail(msg: String)

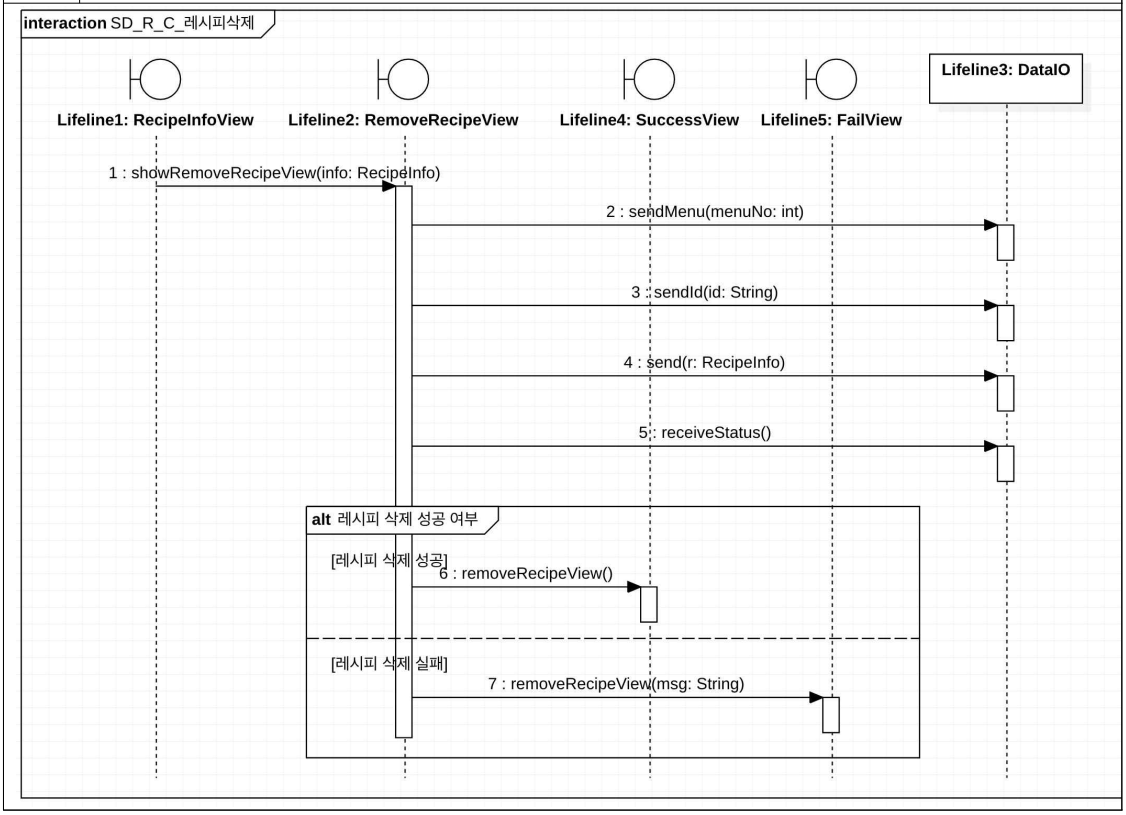
13	SD_R_레시피수정


interaction SD_R_C_레시피수정
Lifeline1: RecipeInfoView
Lifeline2: ModifyRecipeView
Lifeline4: SuccessView
Lifeline5: FailView
Lifeline3: DataIO
1 : showModifyRecipeView(recipeInfo: RecipeInfo)
2 : sendMenu(menuNo: int)
3 : sendId(id: String)
4 : send(r: RecipeInfo)
5 : send(str: String)
6 : sendIngredientList(list: Ingredient)
7 : send(str: String)
8 : receiveStatus()
alt 레시피 수정 성공 여부
[레시피 수정 성공]
9 : modifyRecipeView()
10 : sendMenu(menuNo: int)
11 : send(str: String)
[레시피 수정 실패]
12 : modifyRecipeView(msg: String)

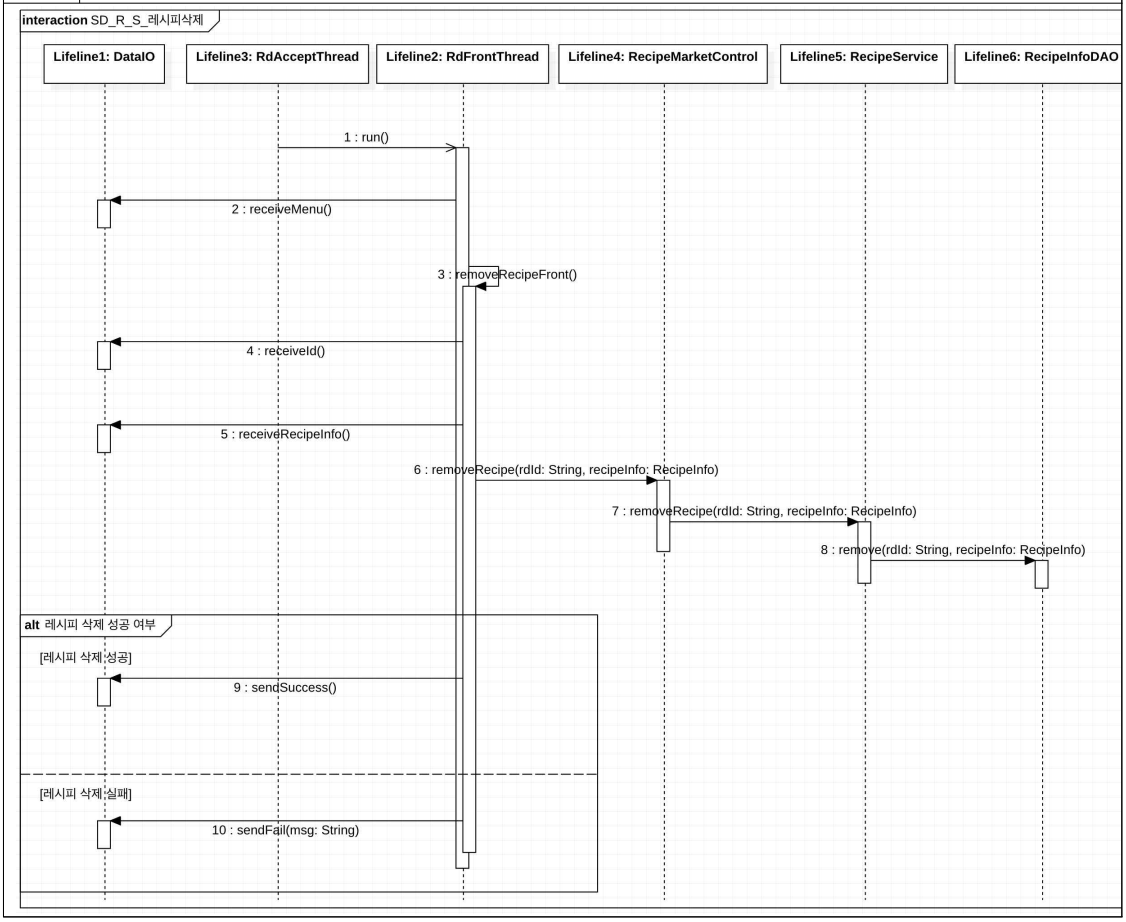
14 SD_S_레시피수정


interaction SD_R_S_레시피수정
Lifeline1: DataIO
Lifeline2: RdAcceptThread
Lifeline3: RdFrontThread
Lifeline4: RecipeMarketControl
Lifeline5: RecipeService
Lifeline6: RecipeInfoDAO
1 : run()
2 : receiveMenu()
3 : modifyRecipeFront()
4 : receiveId()
5 : receiveRecipeInfo()
6 : receive()
7 : receiveIngredientList()
8 : receive()
9 : modifyRecipe(rdId: String, recipeInfo: RecipeInfo, ingInfo: String, ingList: Ingredient, process: String)
10 : modifyRecipe(rdId: String, recipeInfo: RecipeInfo, ingInfo: String, ingList: Ingredient, process: String)
11 : update(rdId: String, recipe_InfoVo: RecipeInfo, ingInfo: String, ingList: Ingredient, process: Stri
alt 레시피 수정 성공 여부
[레시피 수정 성공]
12 : sendSuccess()
[레시피 수정 실패]
13 : sendFail(msg: String)

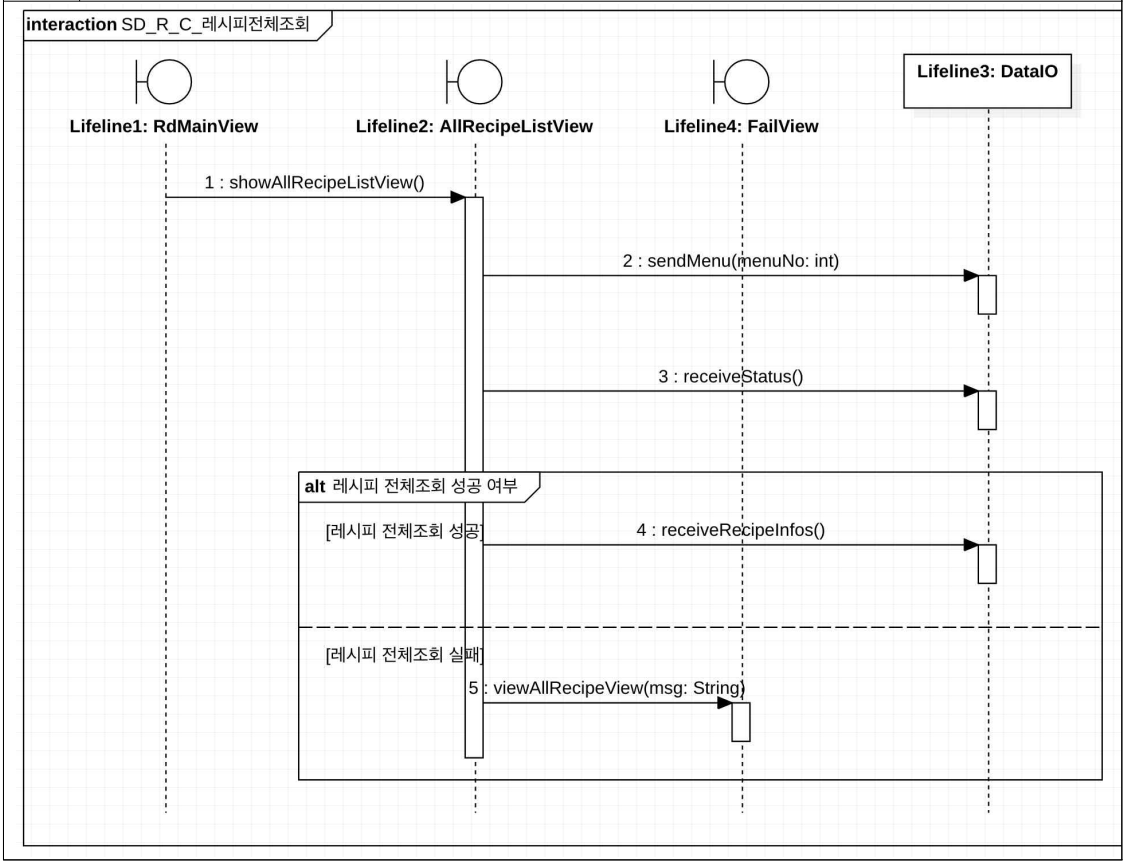
15	SD_R_레시피삭제


interaction SD_R_C_레시피삭제
Lifeline1: RecipeInfoView
Lifeline2: RemoveRecipeView
Lifeline4: SuccessView
Lifeline5: FailView
Lifeline3: DataIO
1 : showRemoveRecipeView(info: RecipeInfo)
2 : sendMenu(menuNo: int)
3 : sendId(id: String)
4 : send(r: RecipeInfo)
5 : receiveStatus()
alt 레시피 삭제 성공 여부
[레시피 삭제 성공]
6 : removeRecipeView()
[레시피 삭제 실패]
7 : removeRecipeView(msg: String)

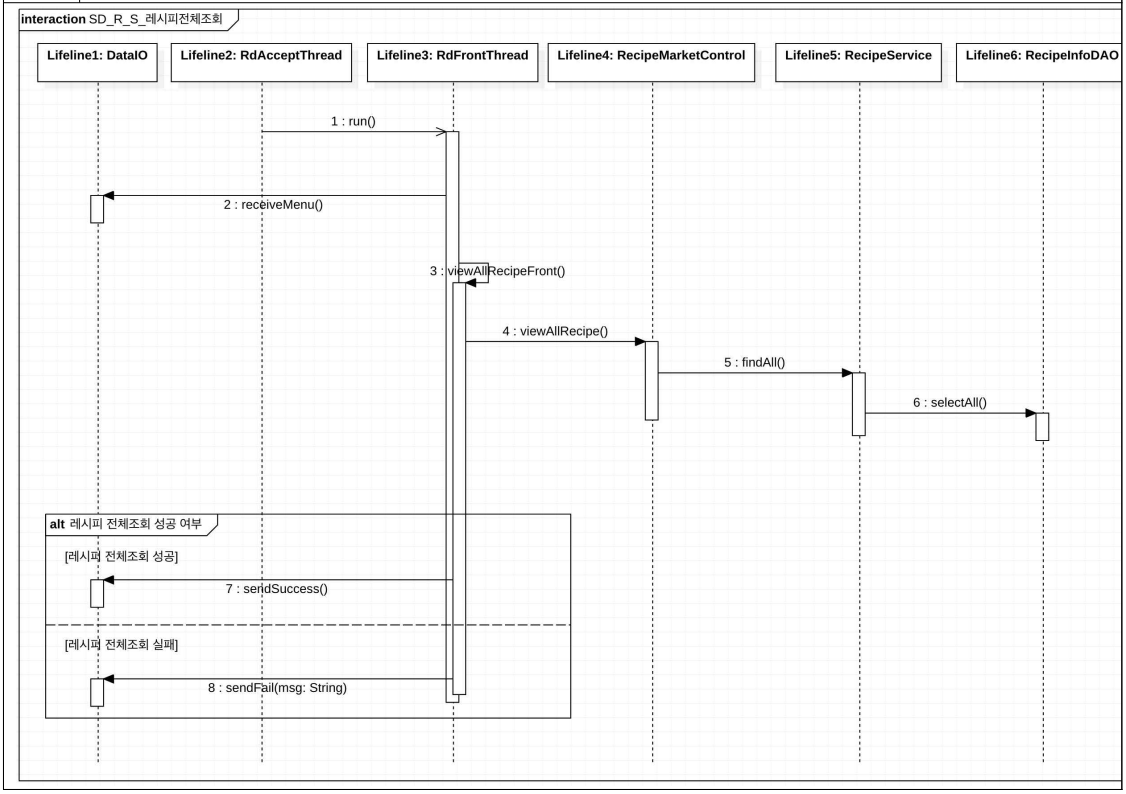
16	SD_S_레시피삭제


interaction SD_R_S_레시피삭제
Lifeline1: DataIO
Lifeline3: RdAcceptThread
Lifeline2: RdFrontThread
Lifeline4: RecipeMarketControl
Lifeline5: RecipeService
Lifeline6: RecipeInfoDAO
1 : run()
2 : receiveMenu()
3 : removeRecipeFront()
4 : receiveId()
5 : receiveRecipeInfo()
6 : removeRecipe(rdId: String, recipeInfo: RecipeInfo)
7 : removeRecipe(rdId: String, recipeInfo: RecipeInfo)
8 : remove(rdId: String, recipeInfo: RecipeInfo)
alt 레시피 삭제 성공 여부
[레시피 삭제 성공]
9 : sendSuccess()
[레시피 삭제 실패]
10 : sendFail(msg: String)

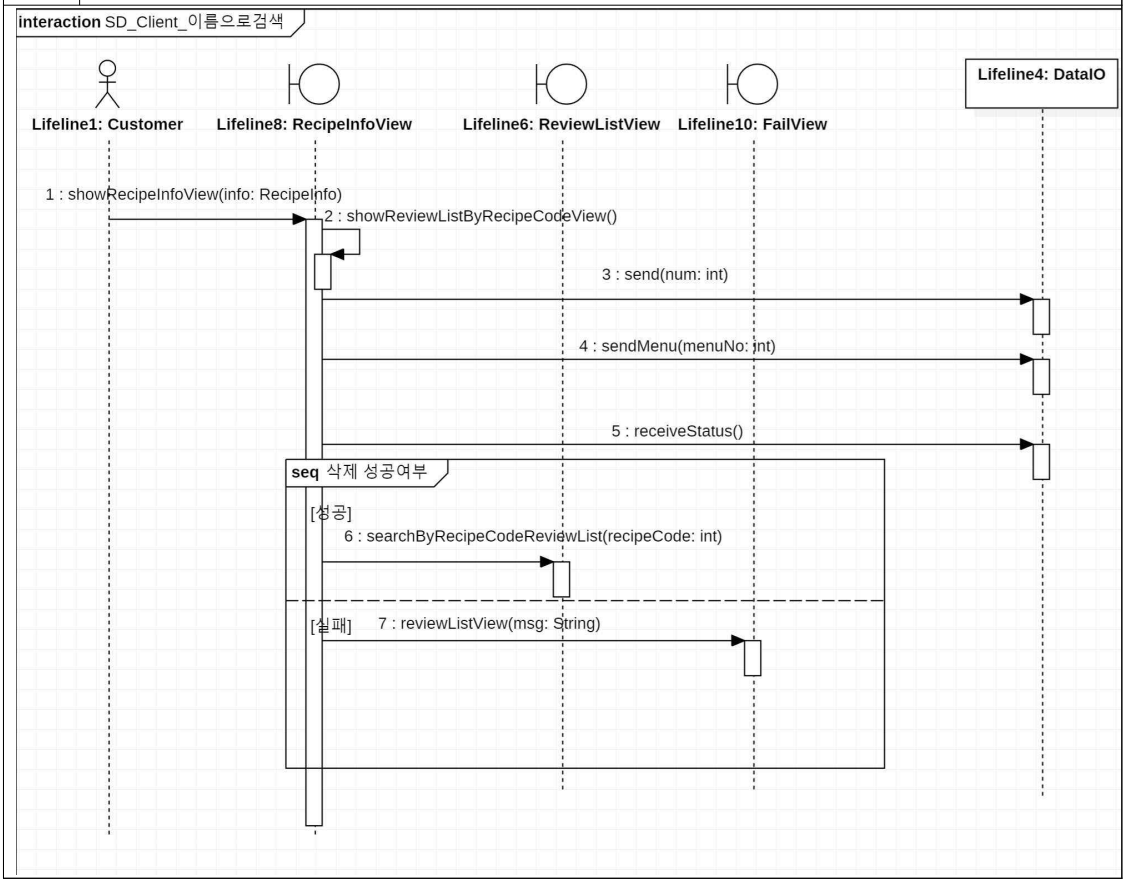
17	SD_R_레시피전체조회



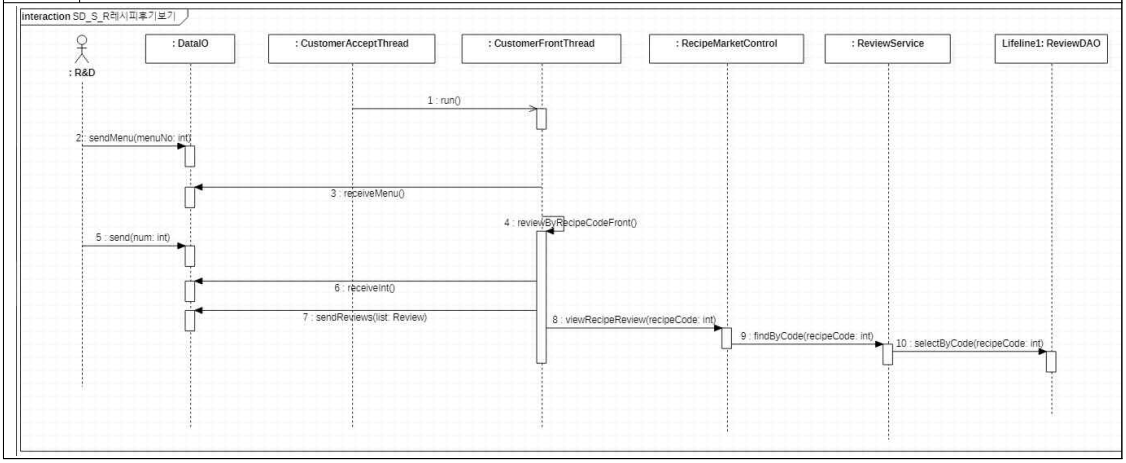
18 SD_S_레시피전체조회



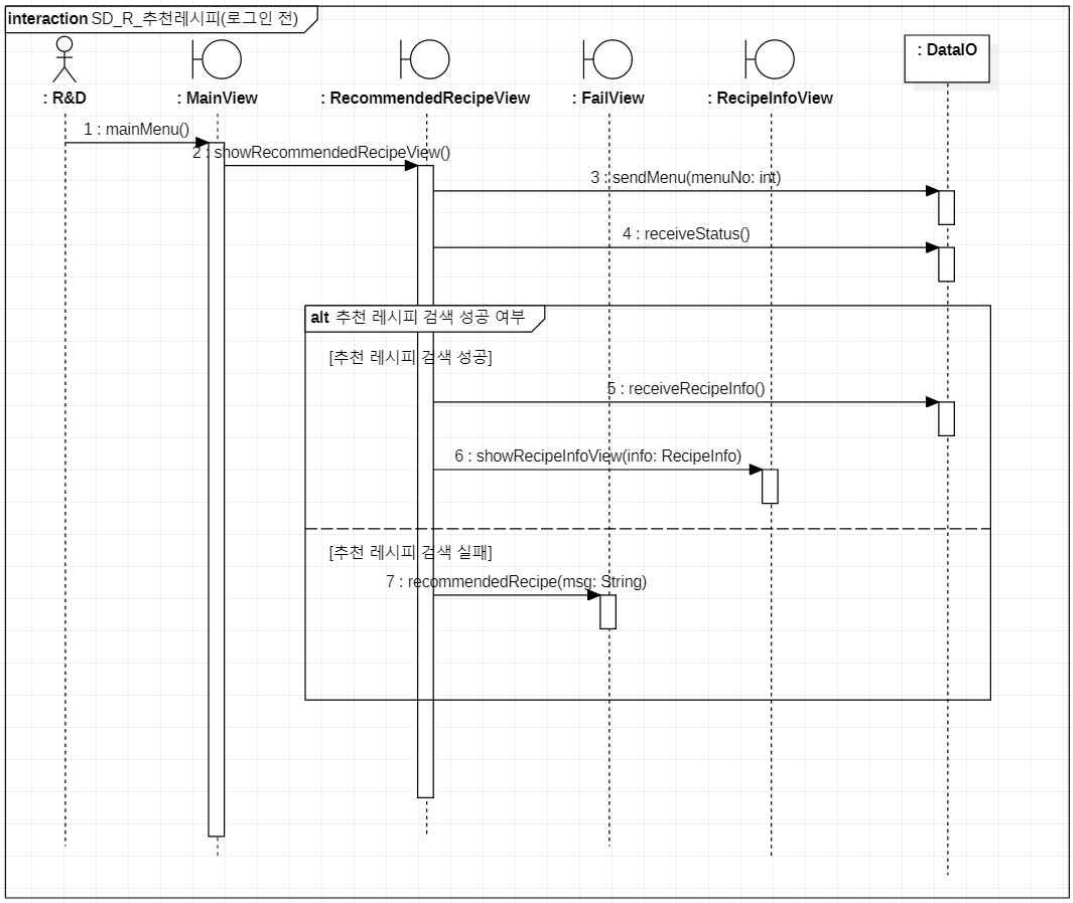
19	SD_R_레시피후기보기



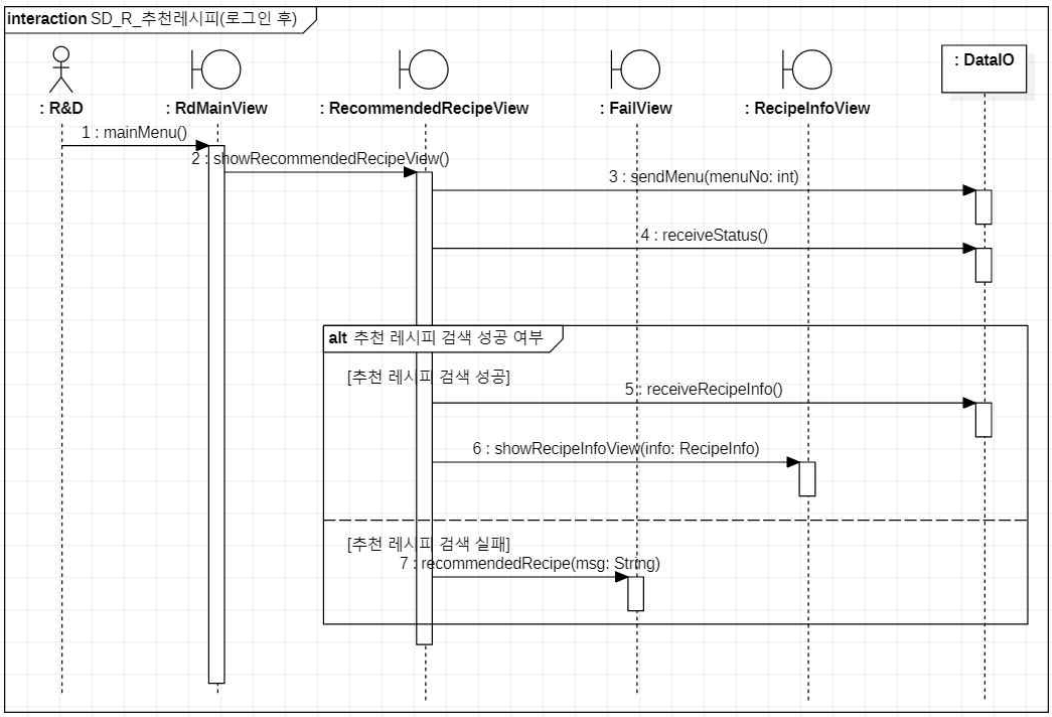
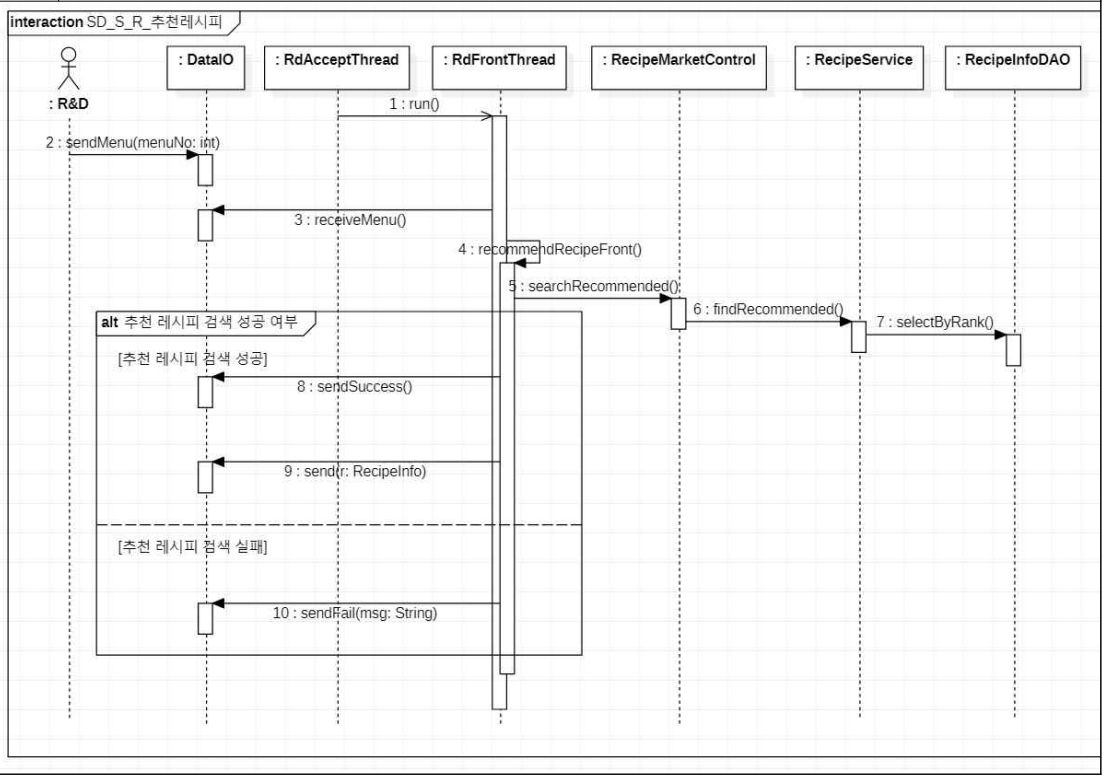
20	SD_S_레시피후기보기



21	SD_R_추천레시피(로그인 전)



22	SD_R_추천레시피(로그인 후)



23	SD_S_R_추천레시피