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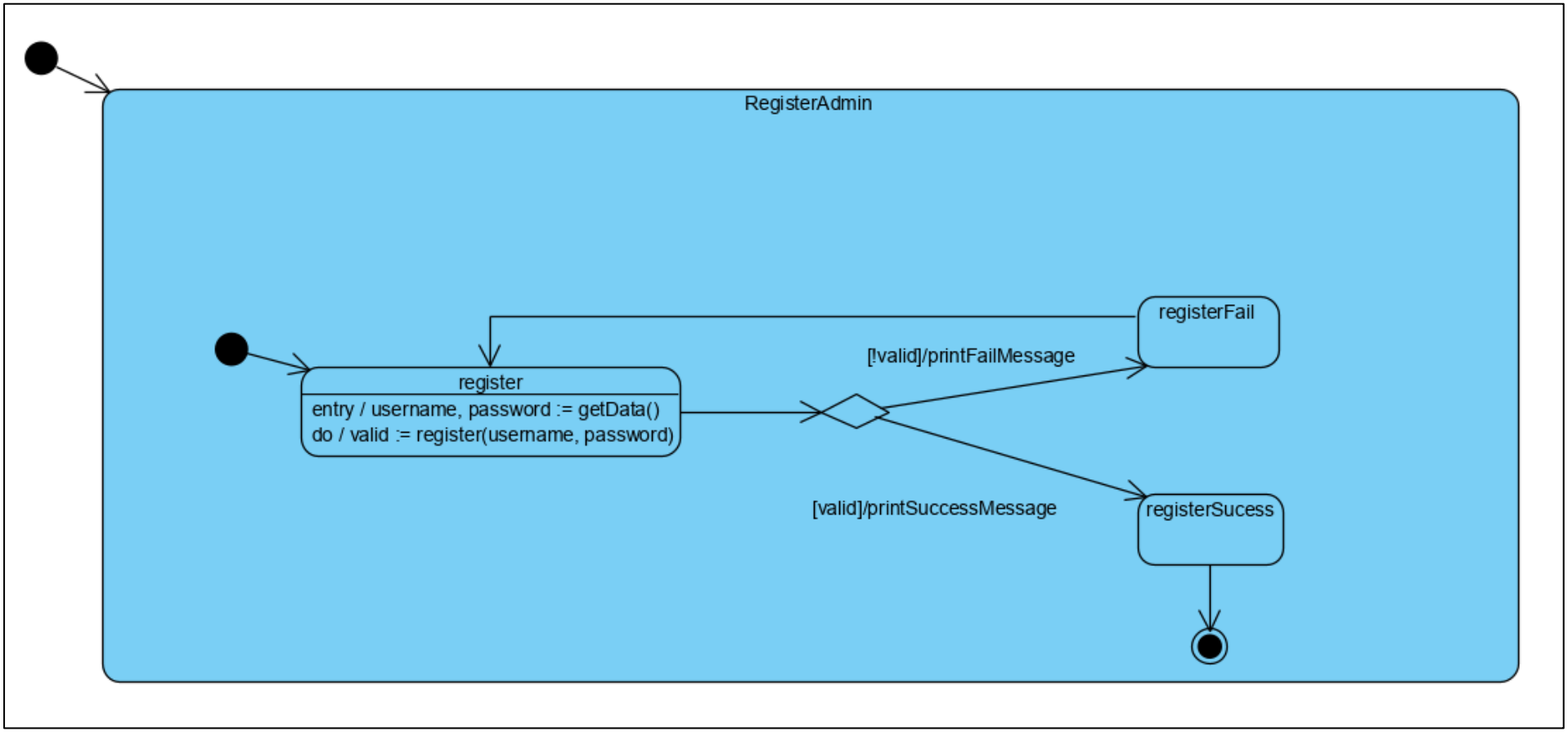
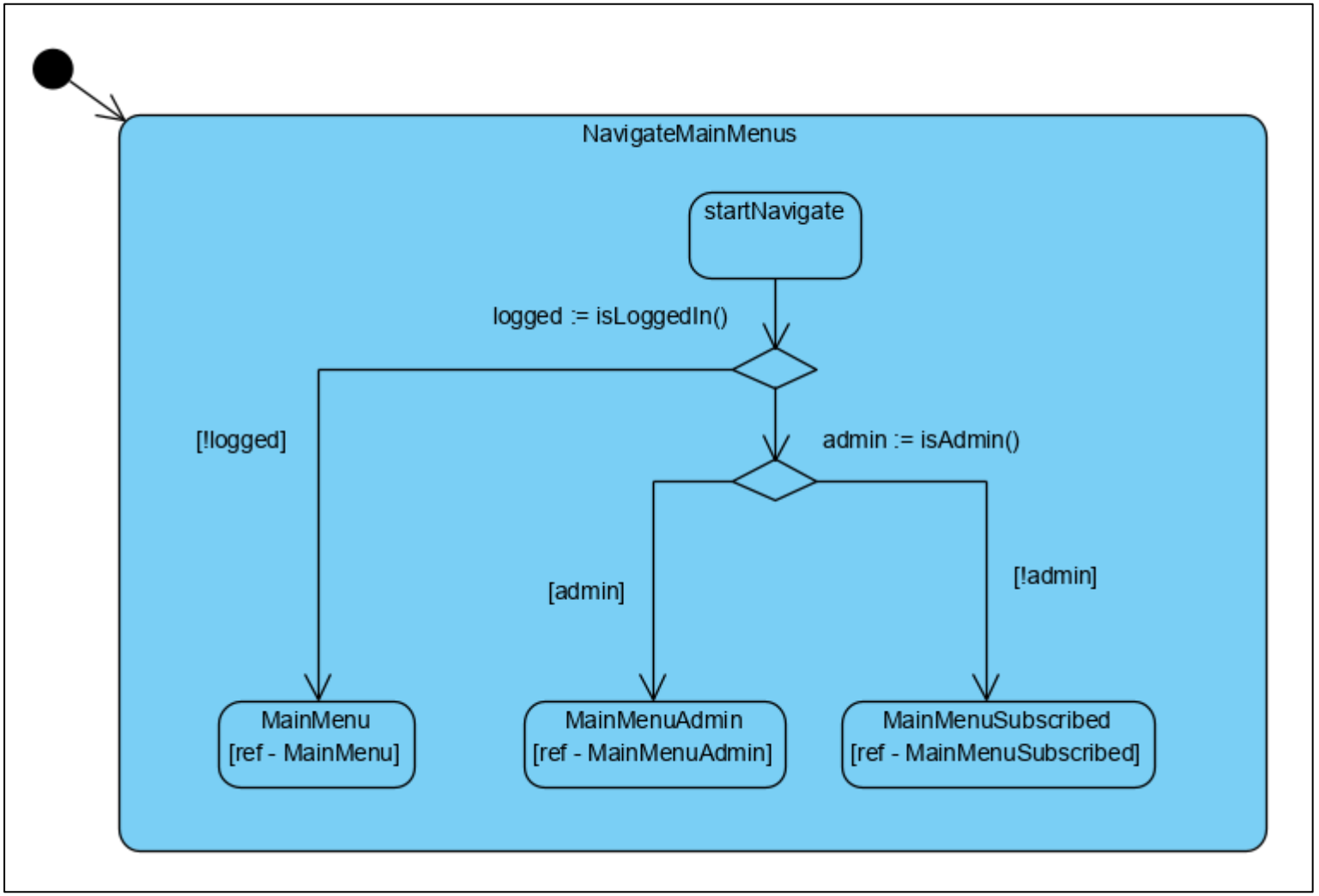
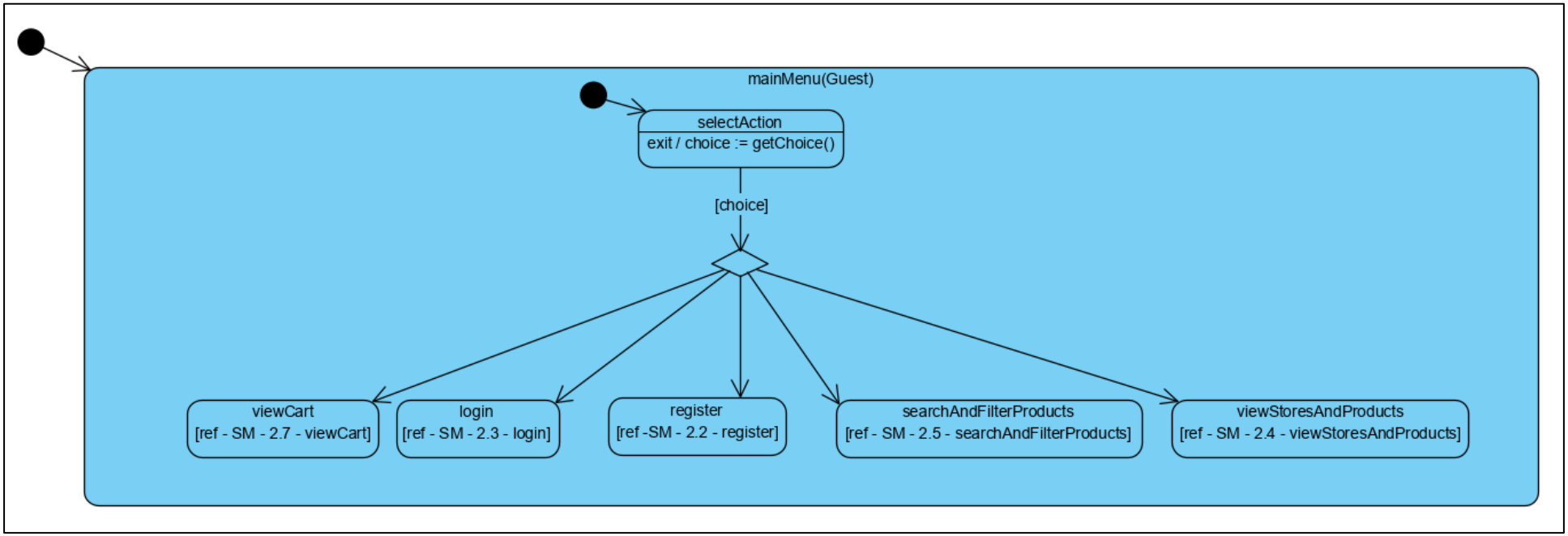
1. Init system – register admin



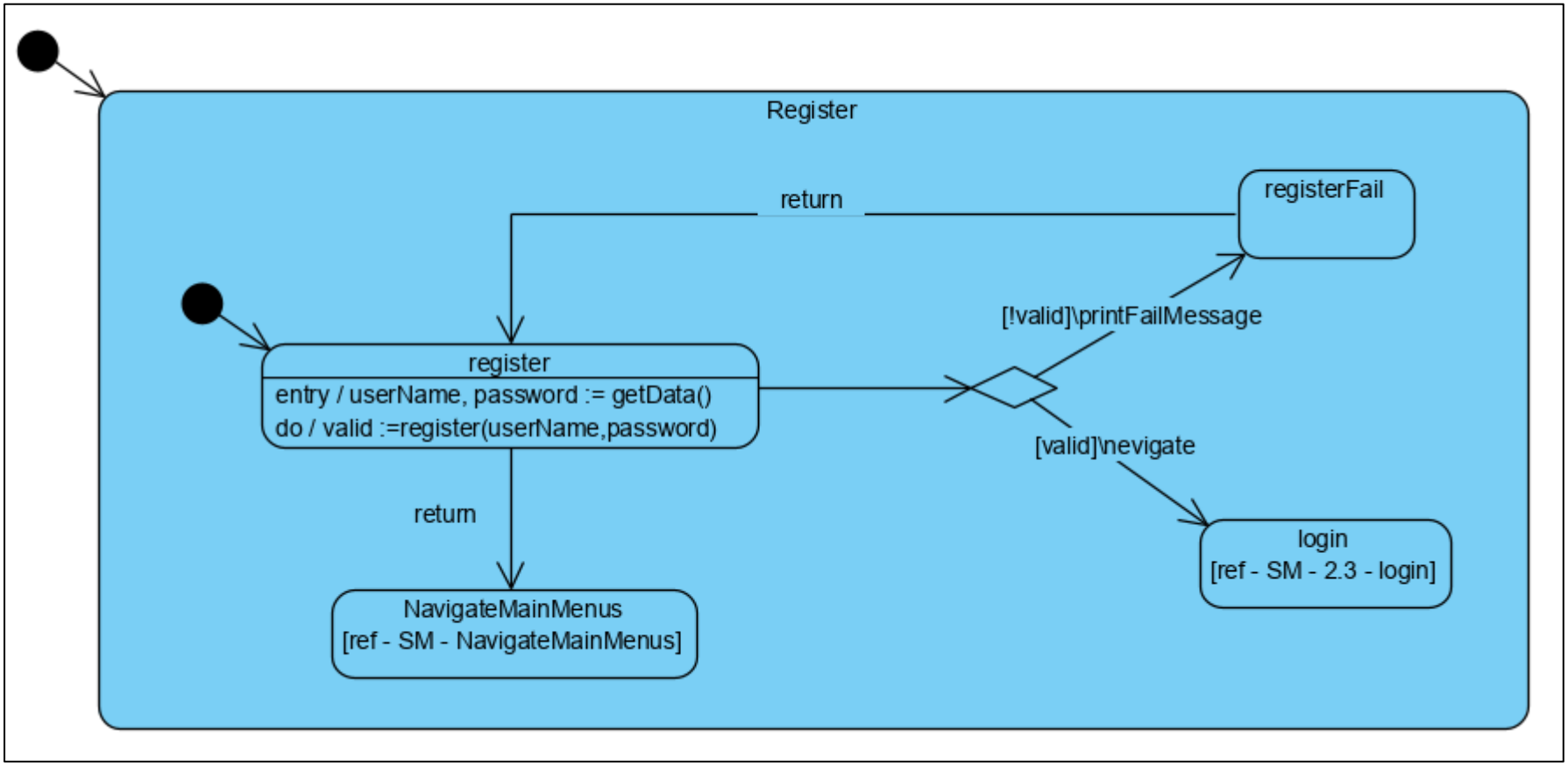
Navigate menu



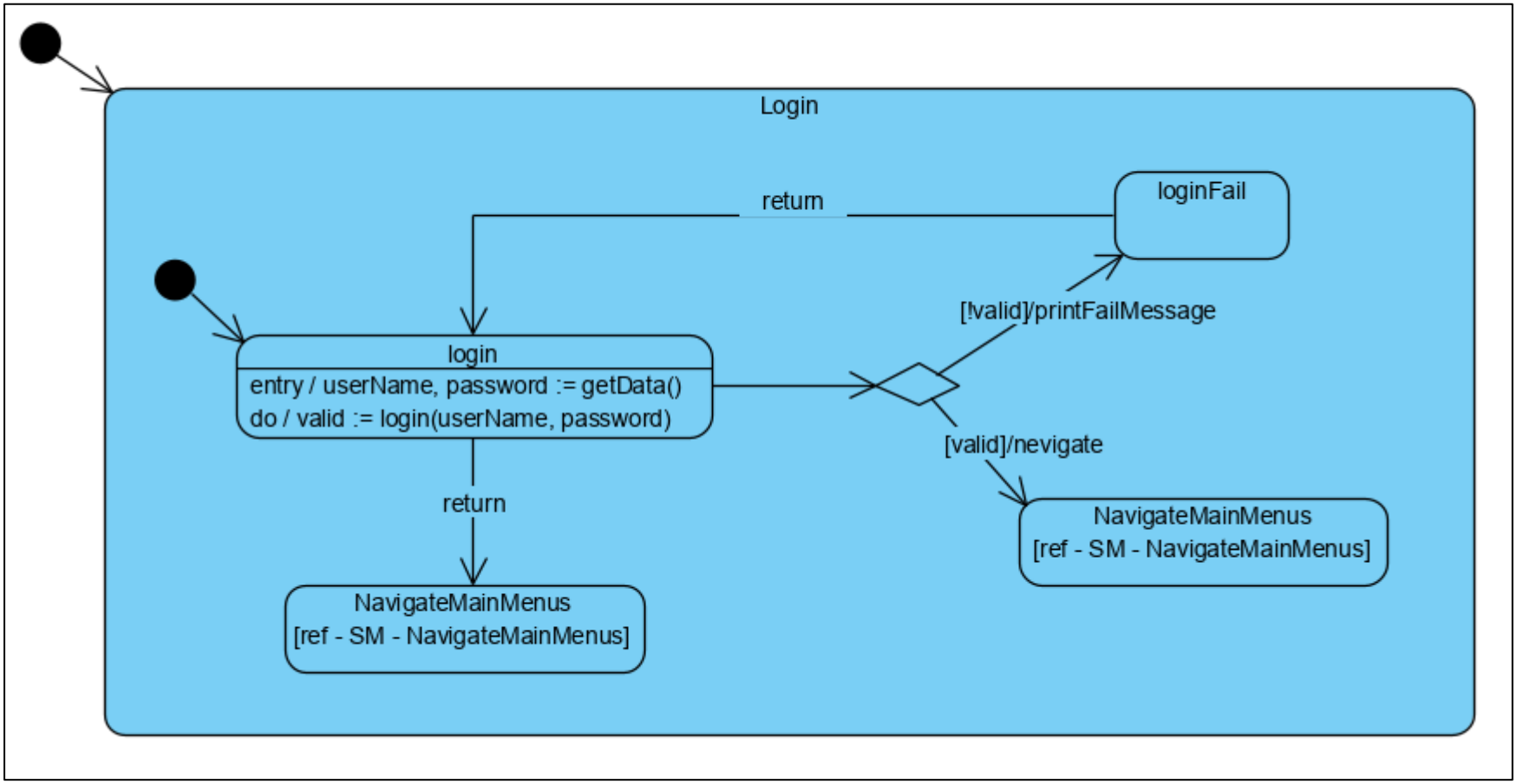
2. Guest Menu


mainMenu(Guest)
selectAction
exit / choice := getChoice()
[choice]
viewCart
[ref - SM - 2.7 - viewCart]
login
[ref - SM - 2.3 - login]
register
[ref -SM - 2.2 - register]
searchAndFilterProducts
[ref - SM - 2.5 - searchAndFilterProducts]
viewStoresAndProducts
[ref - SM - 2.4 - viewStoresAndProducts]

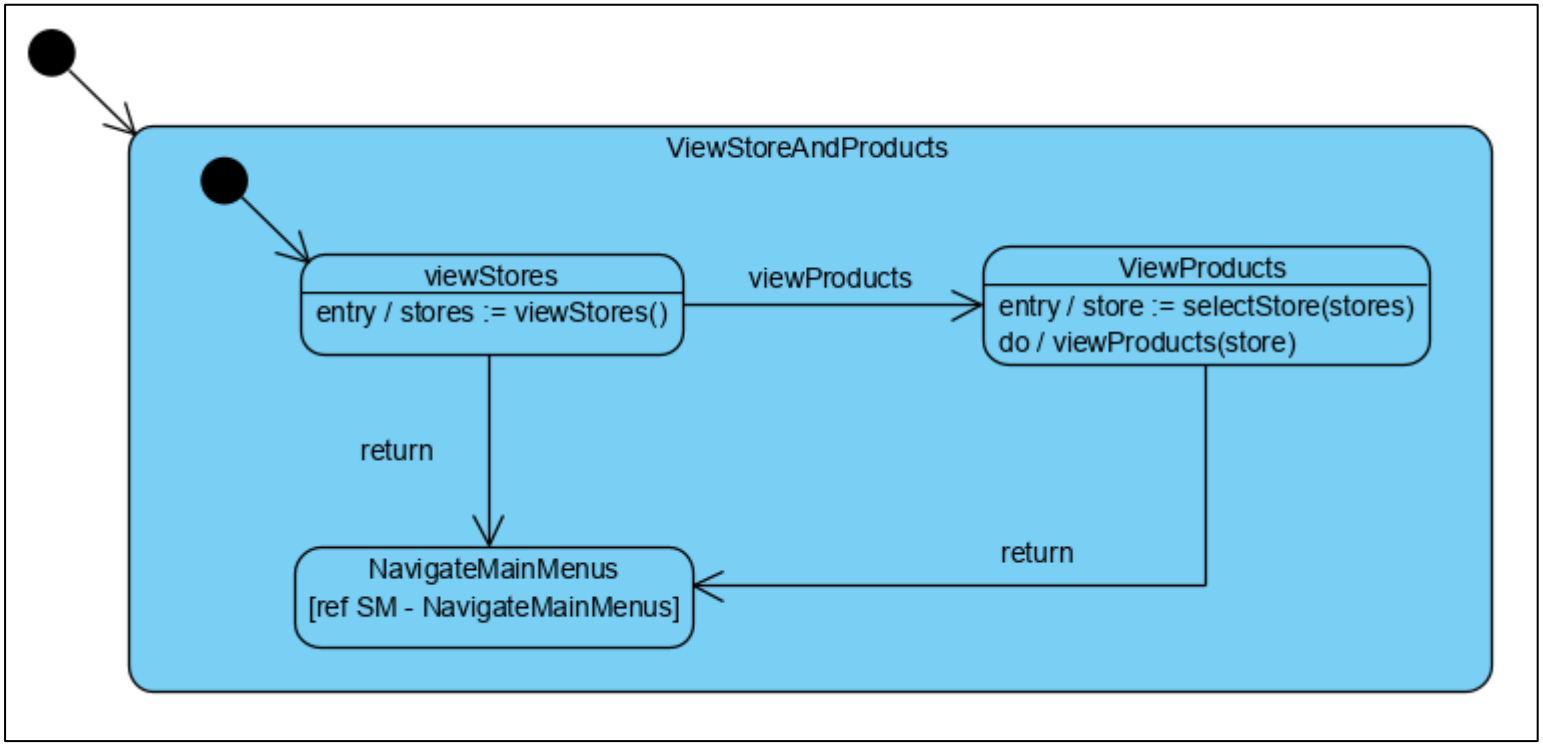
2.2 Register


Register
return
registerFail
[!valid]\printFailMessage
register
entry / userName, password := getData()
do / valid :=register(userName,password)
[valid]\nevigate
return
login
[ref - SM - 2.3 - login]
NavigateMainMenus
[ref - SM - NavigateMainMenus]

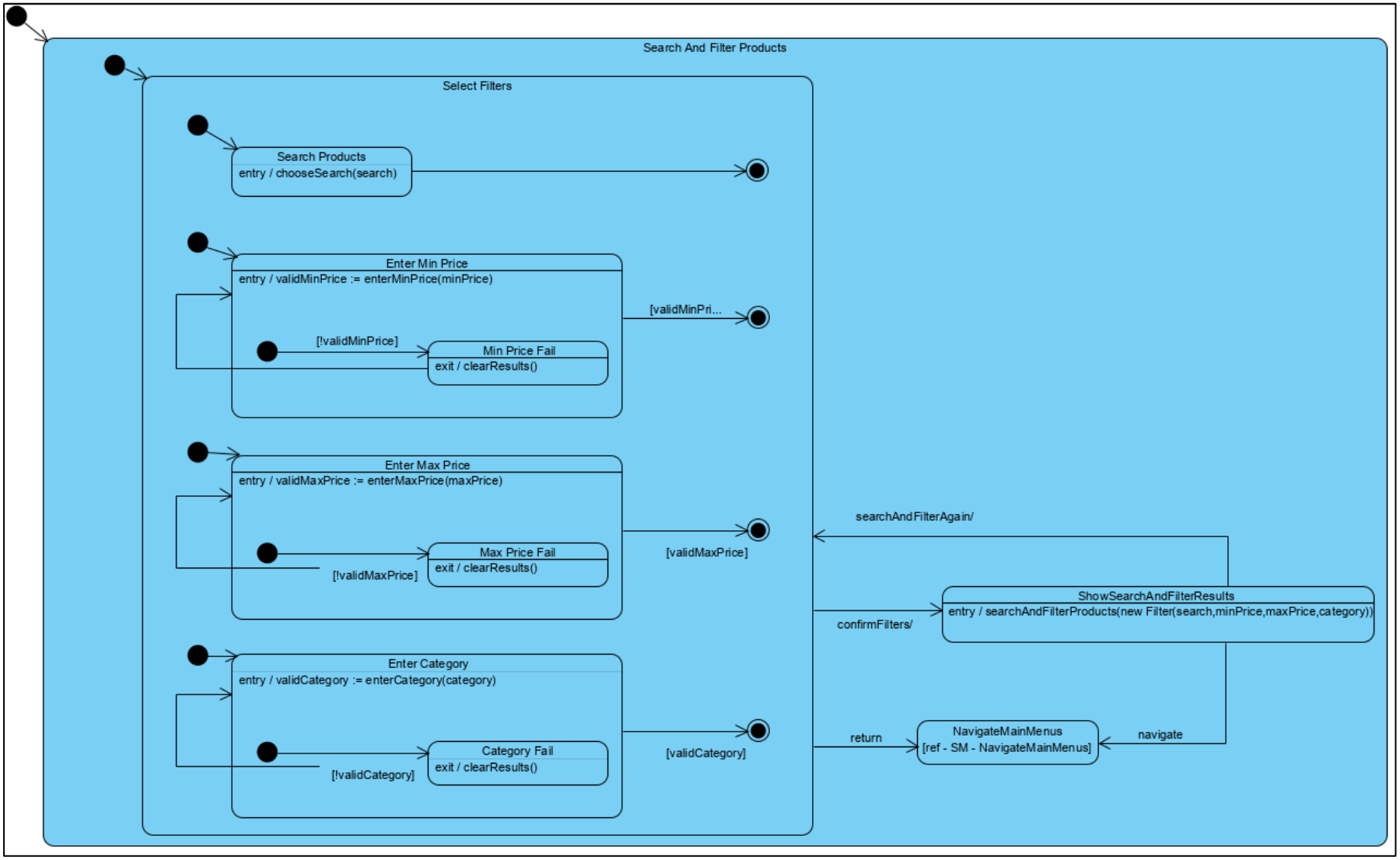
2.3 Login


Login
return
loginFail
[!valid]/printFailMessage
login
entry / userName, password := getData()
do / valid := login(userName, password)
[valid]/nevigate
return
NavigateMainMenus
[ref - SM - NavigateMainMenus]
NavigateMainMenus
[ref - SM - NavigateMainMenus]

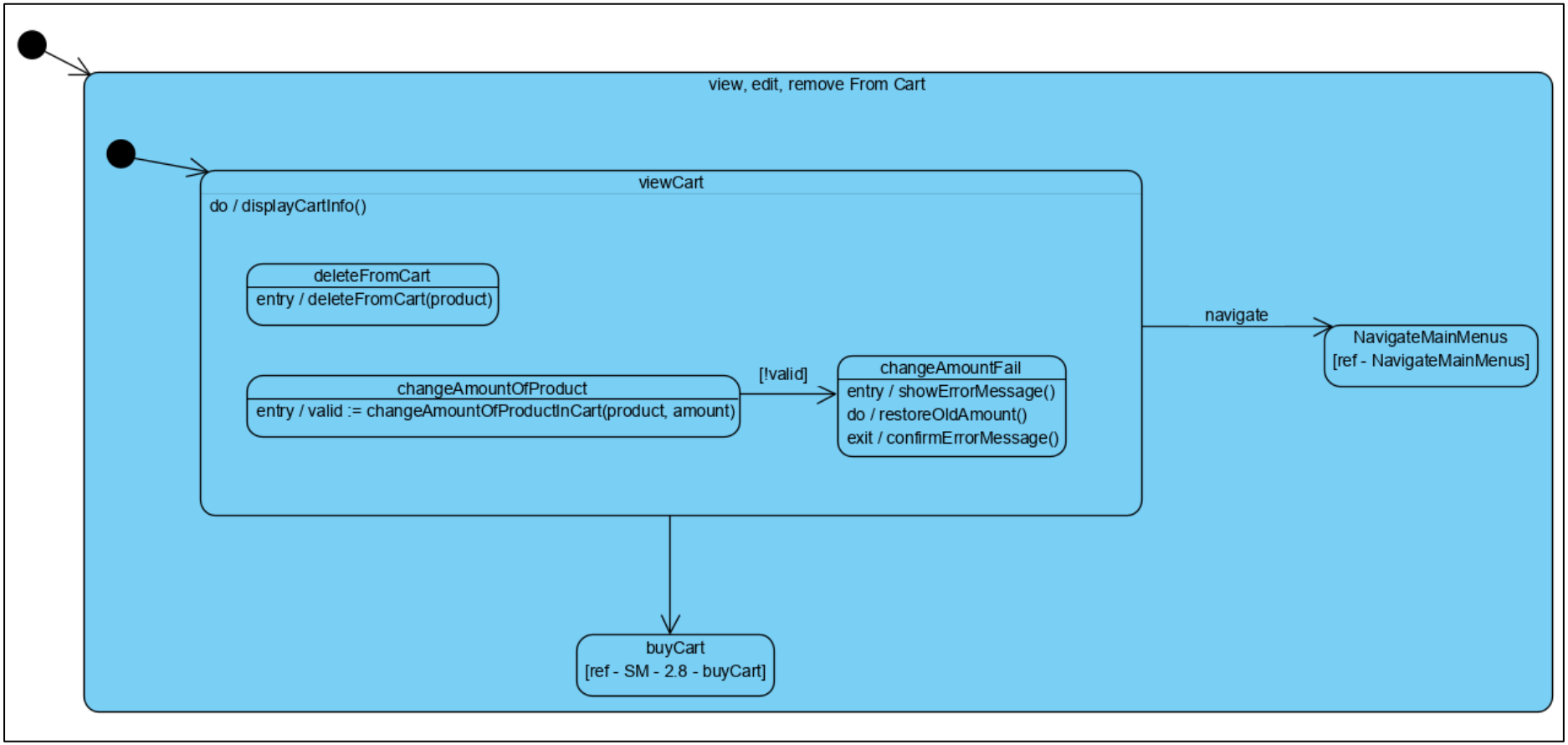
2.4 View stores and products



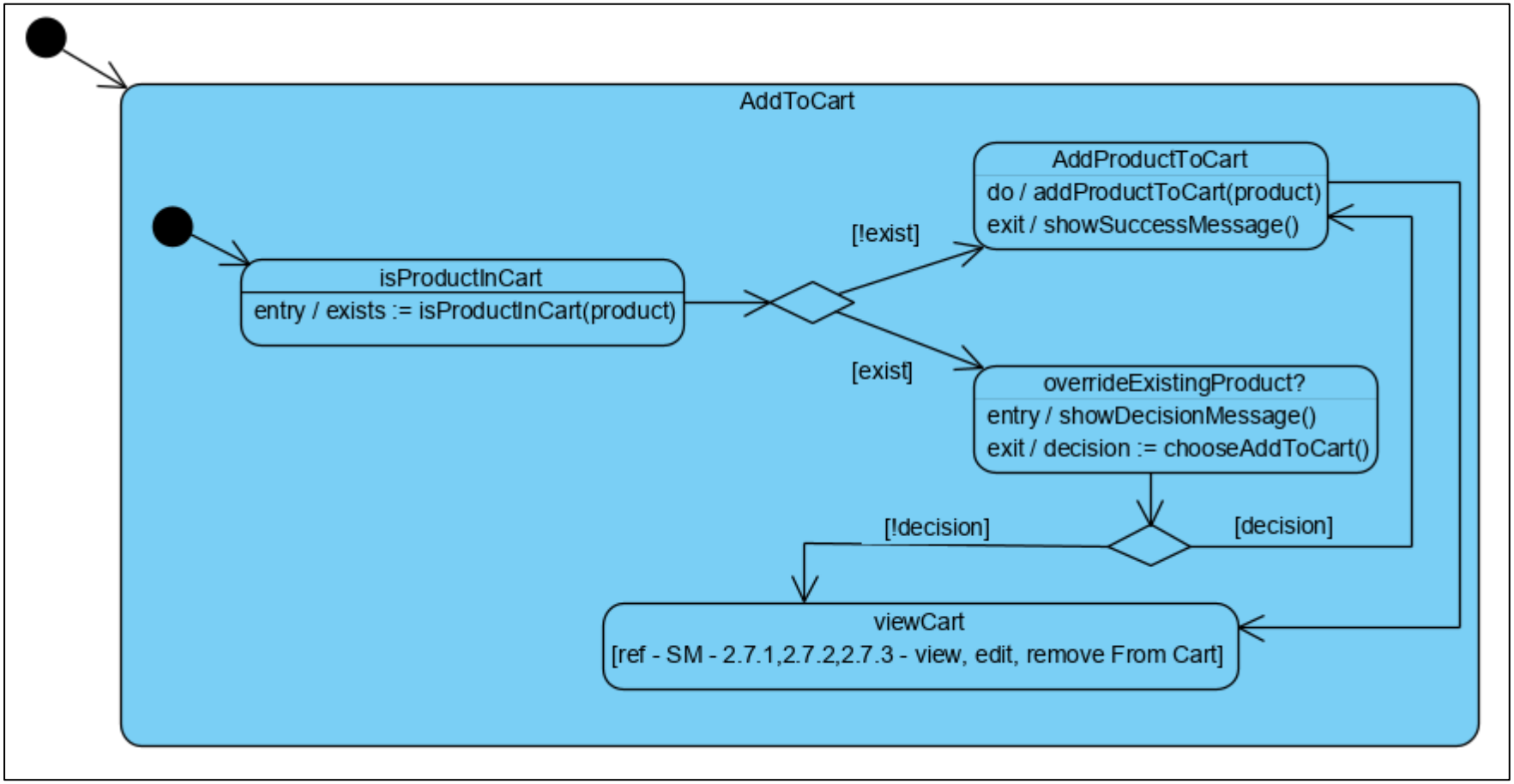
2.5 Search and filter products



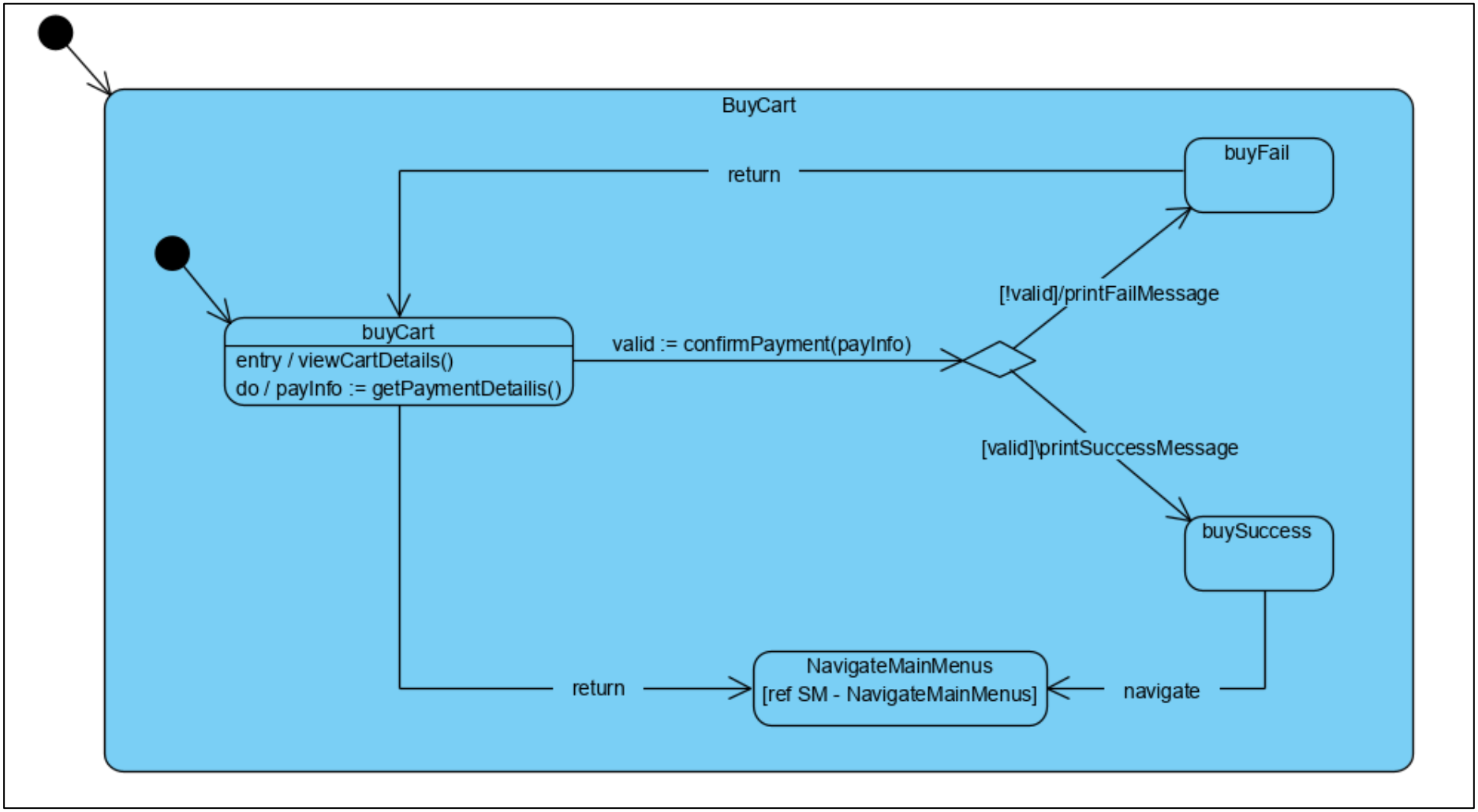
2.7.1 & 2.7.2 & 2.7.3 view, edit remove from cart



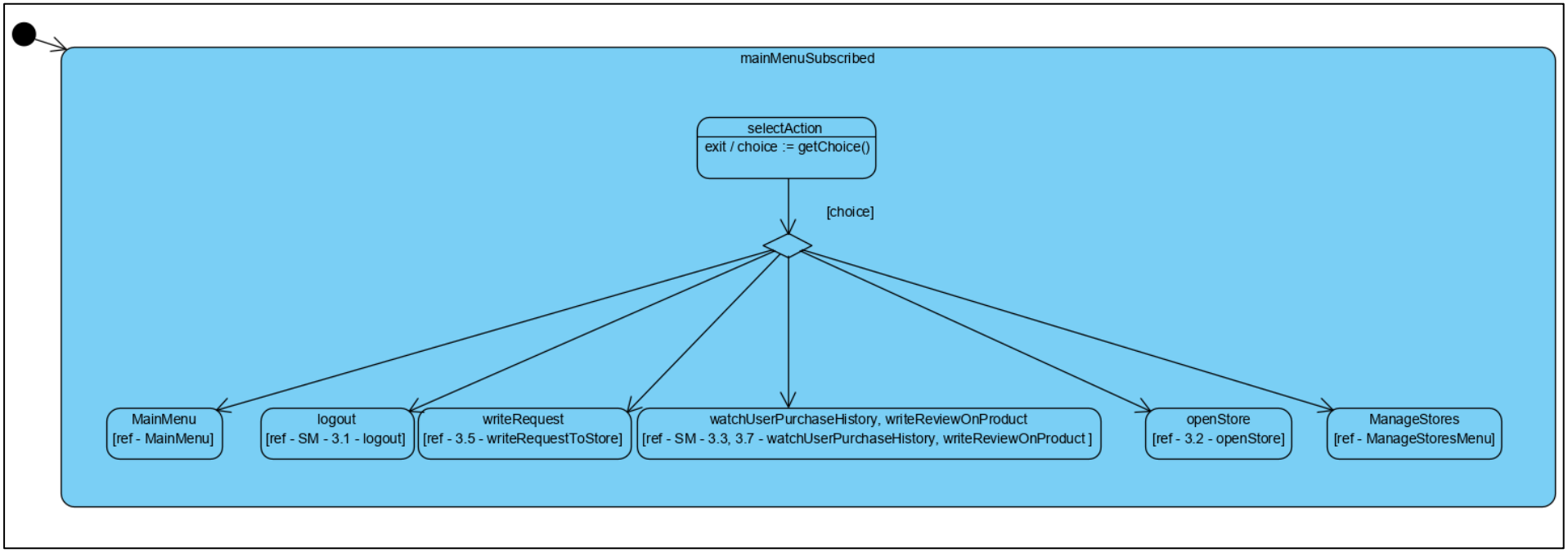
2.7.4 Add product to cart



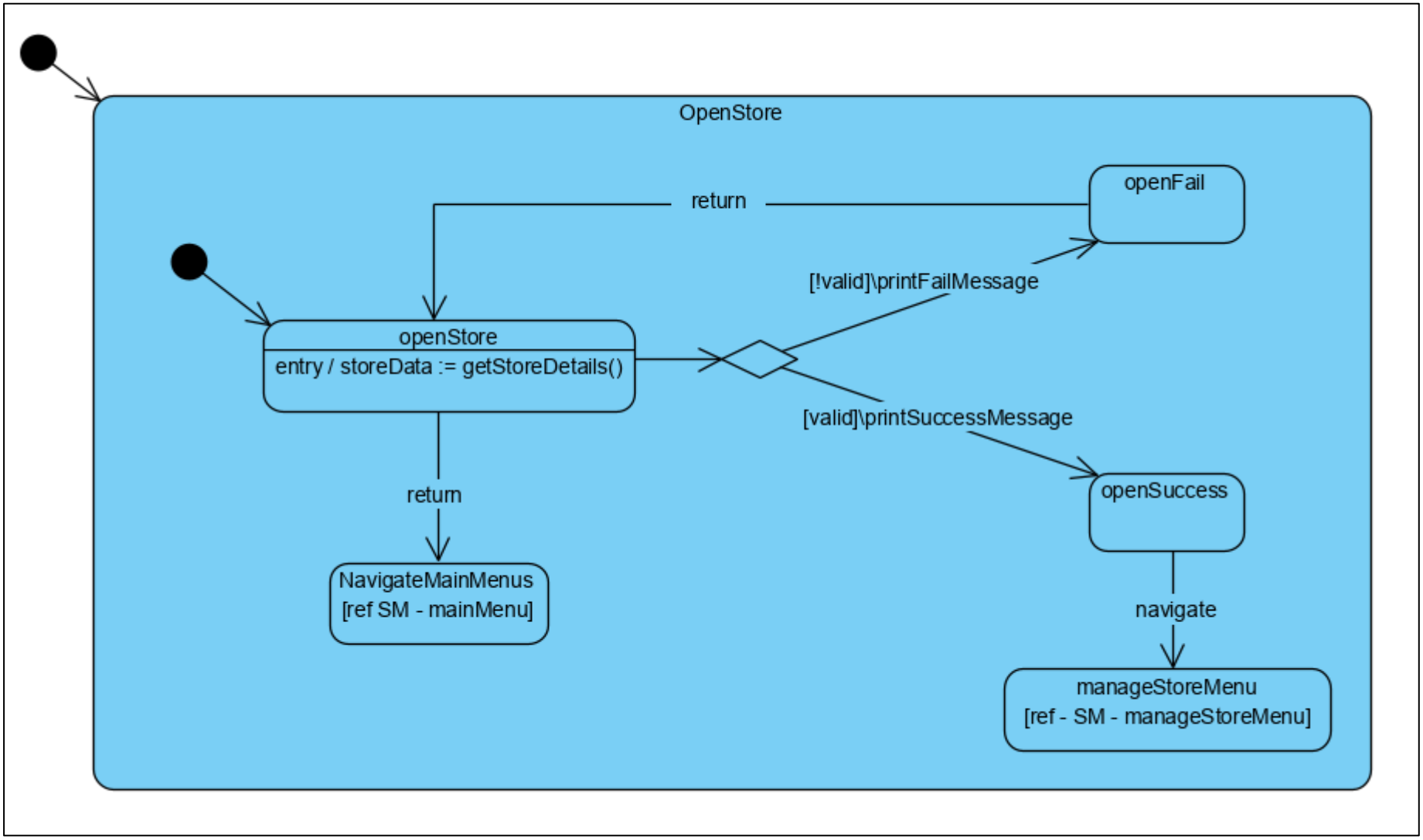
2.8 Buy cart


BuyCart
buyFail
return
[!valid]/printFailMessage
buyCart
entry / viewCartDetails()
do / payInfo := getPaymentDetailis()
valid := confirmPayment(payInfo)
[valid]\printSuccessMessage
buySuccess
NavigateMainMenus
[ref SM - NavigateMainMenus]
return
navigate

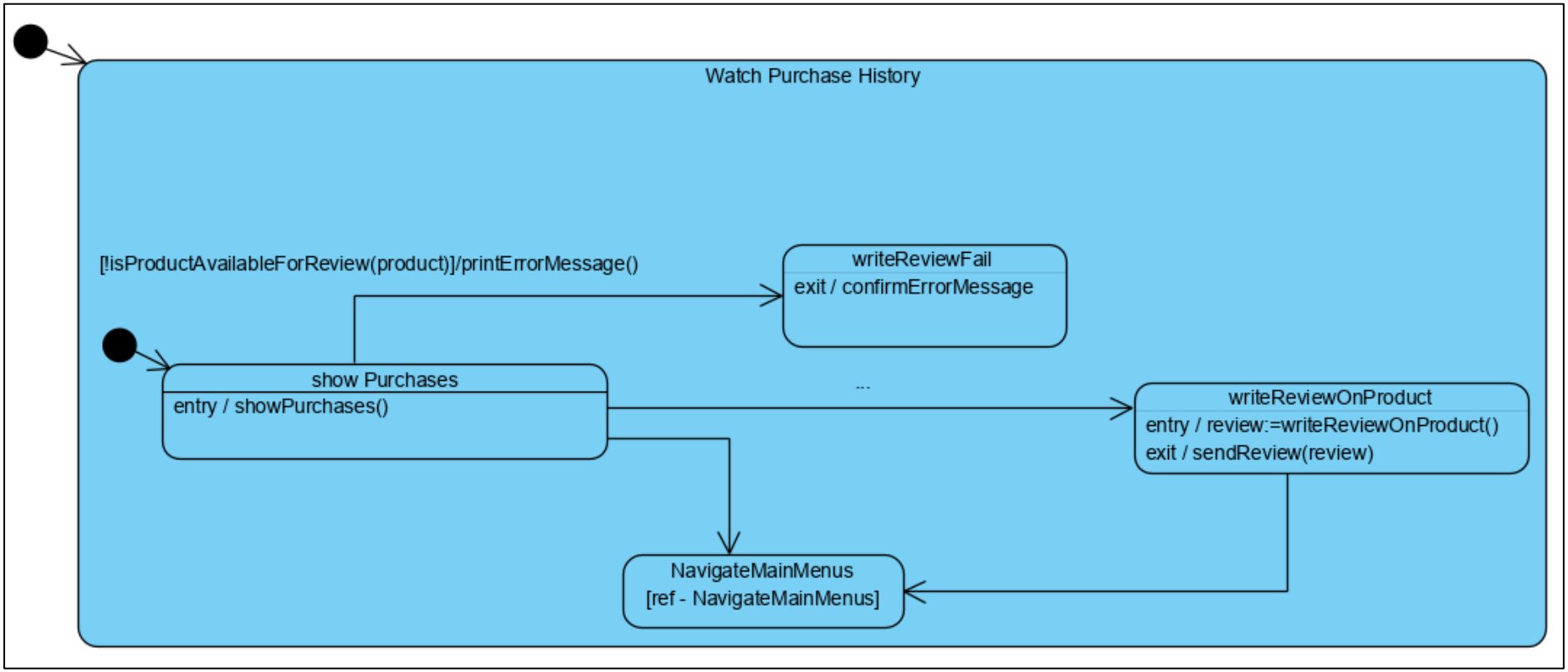
3. Subscribe menu



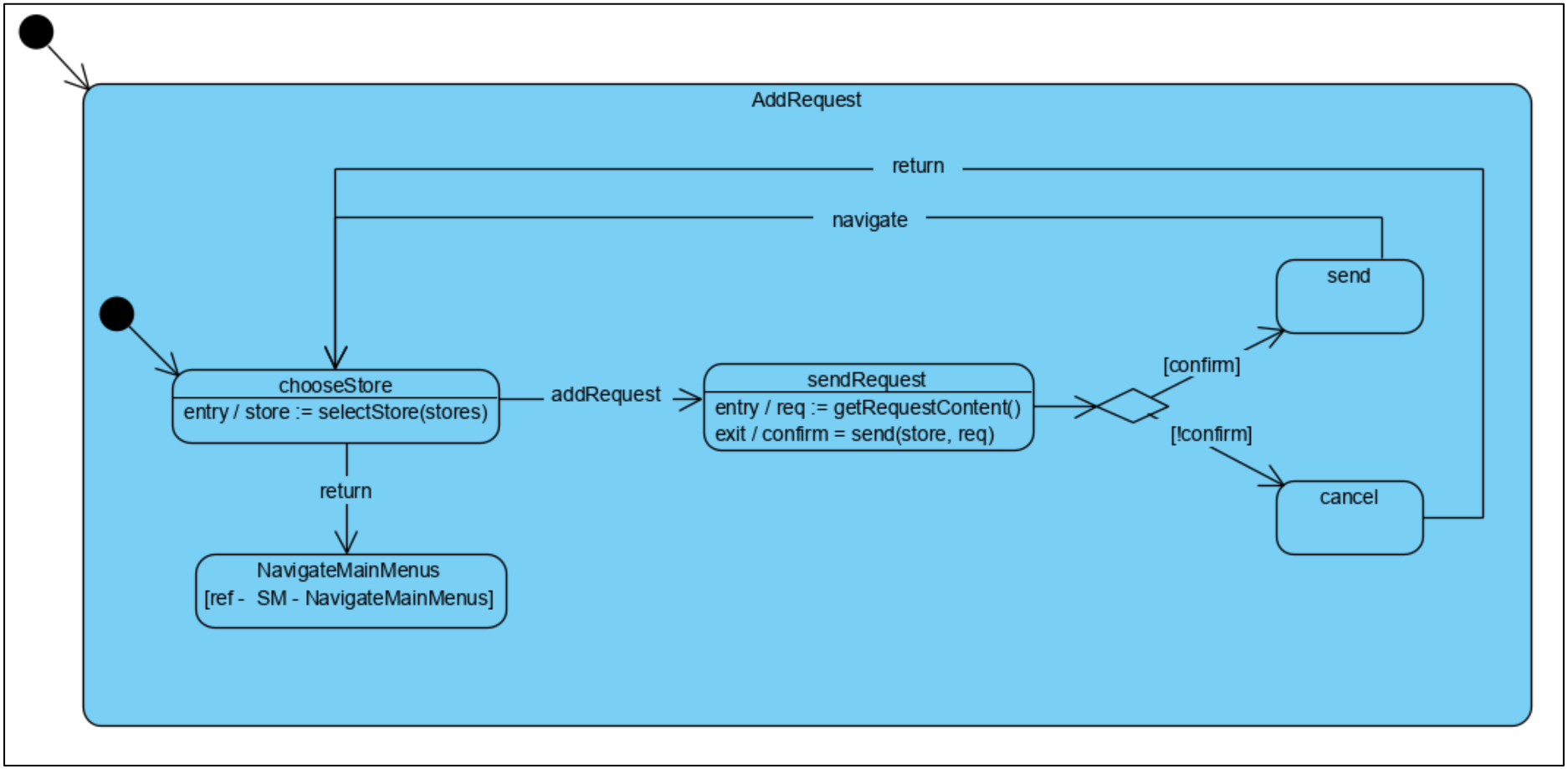
3.2 Open store



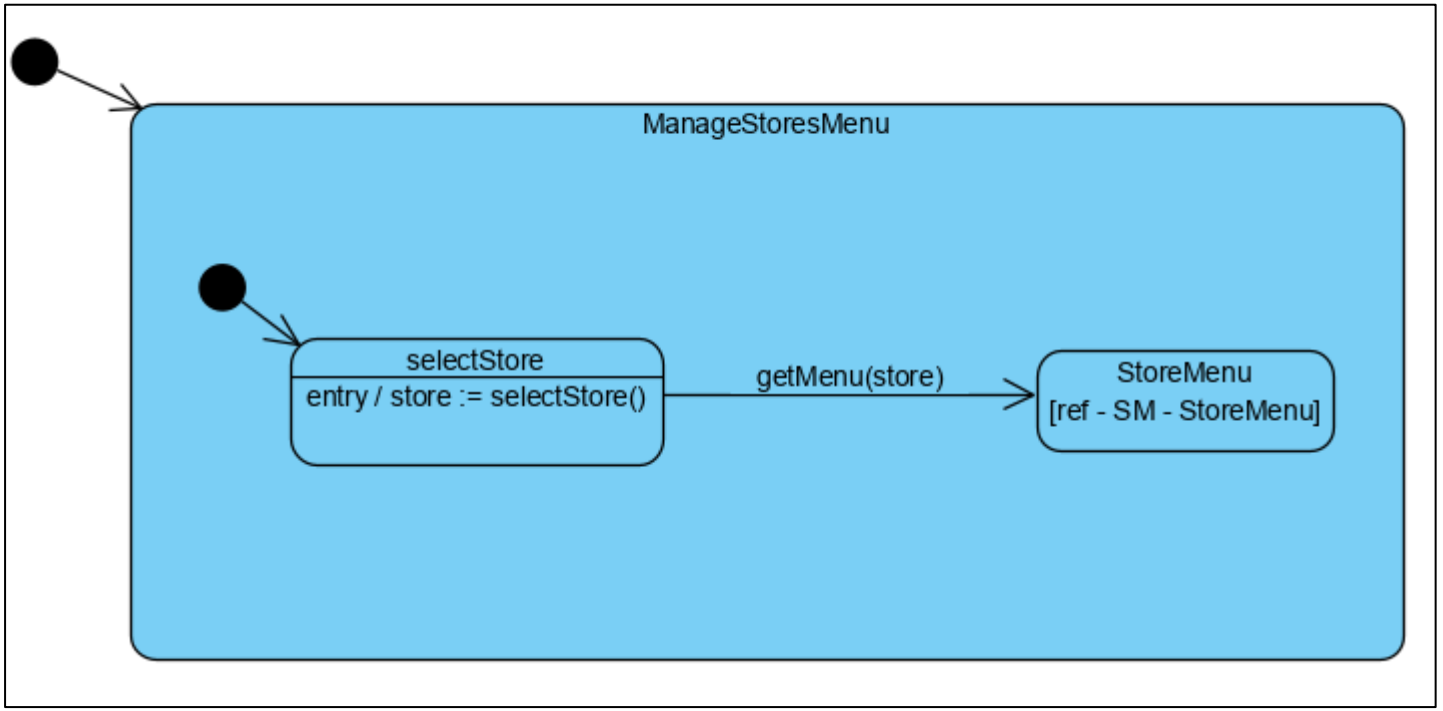
3.3 & 3.7 Watch purchase history



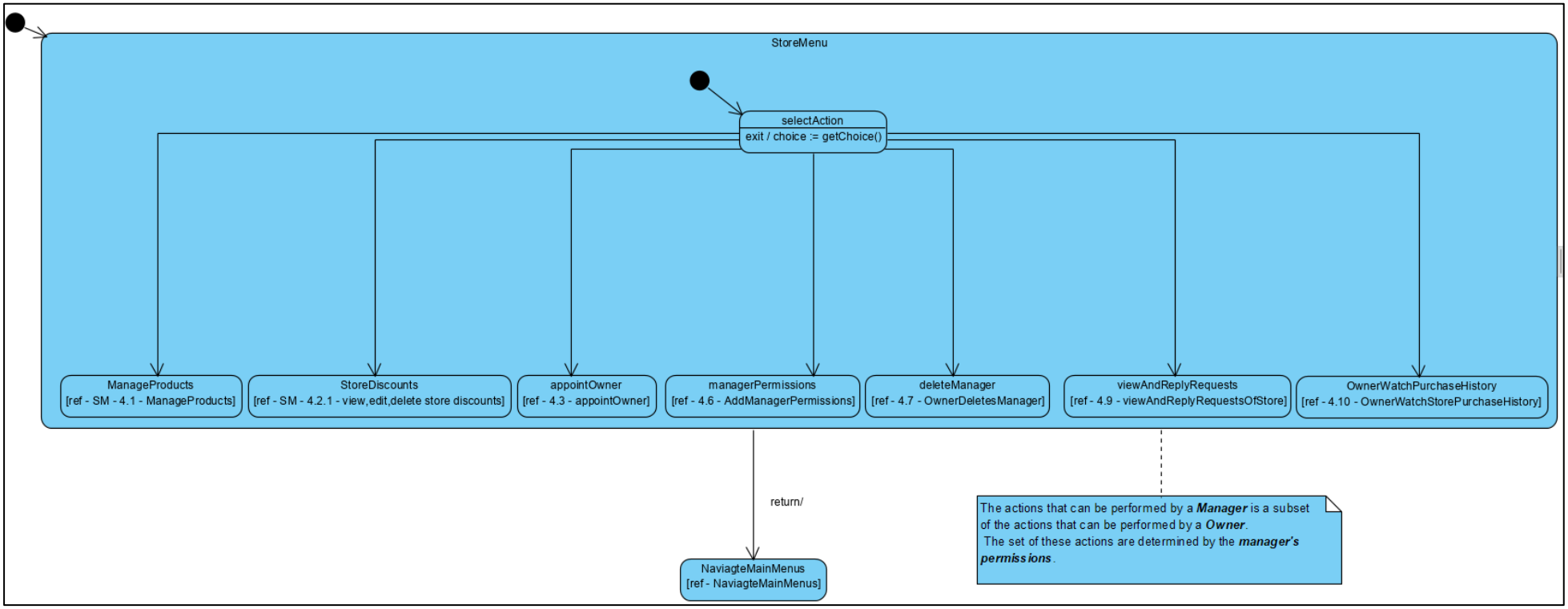
3.5 Add request



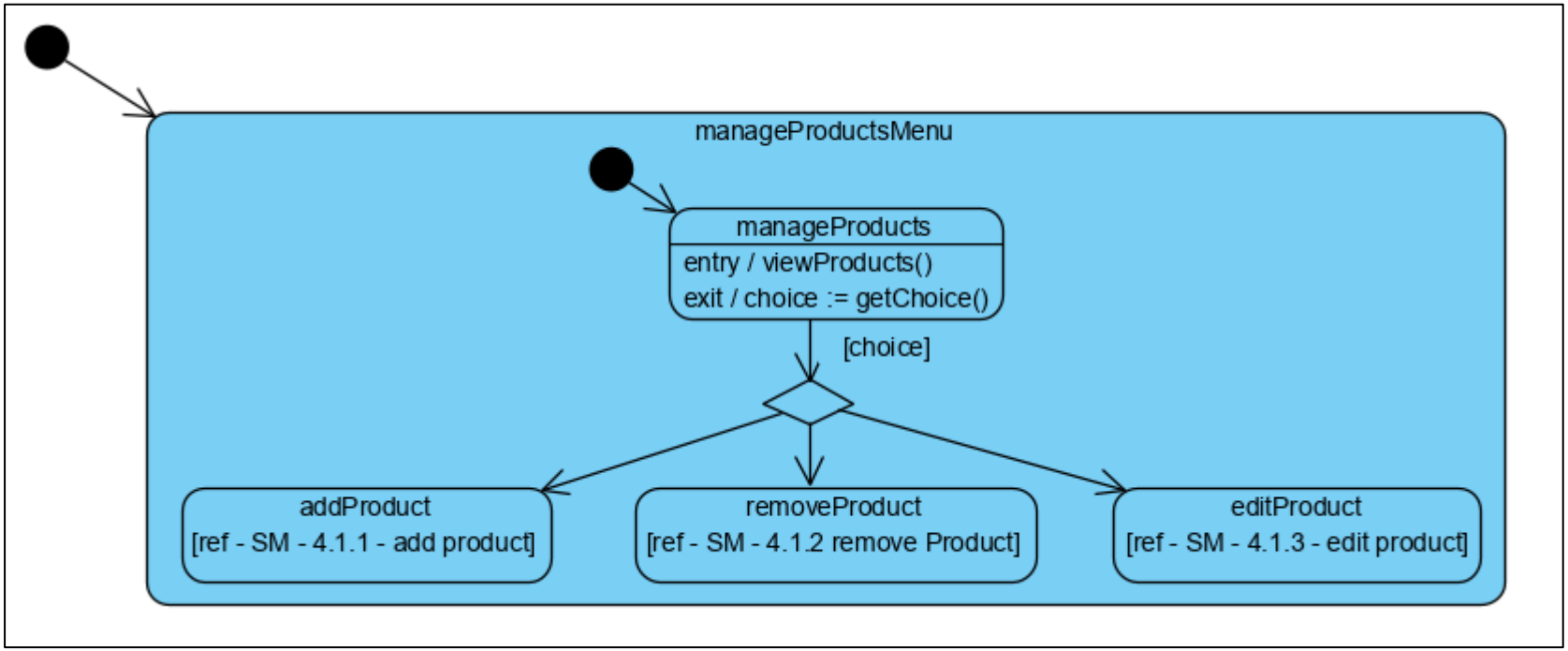
4.0.1 Store management



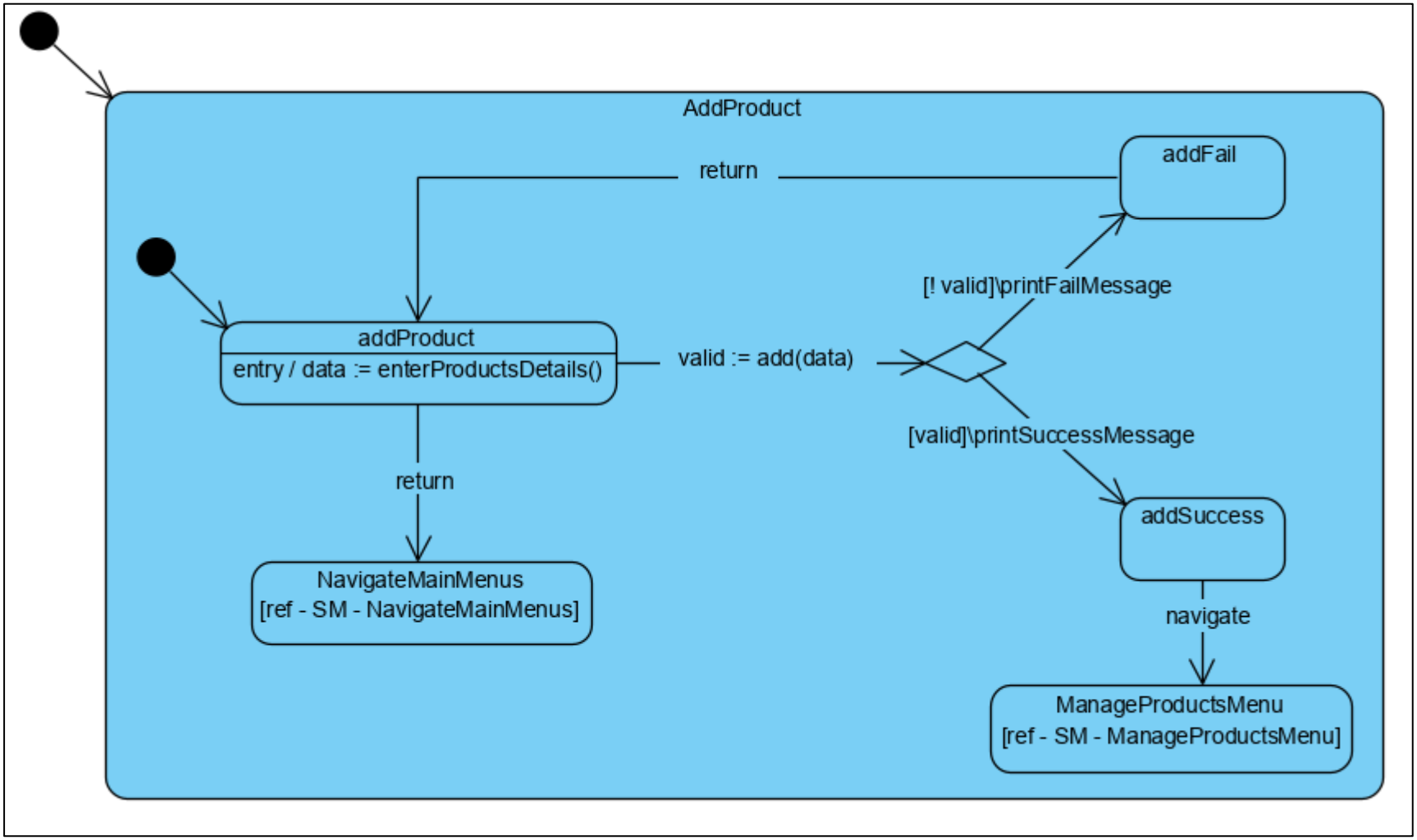
4.0.2 Store menu



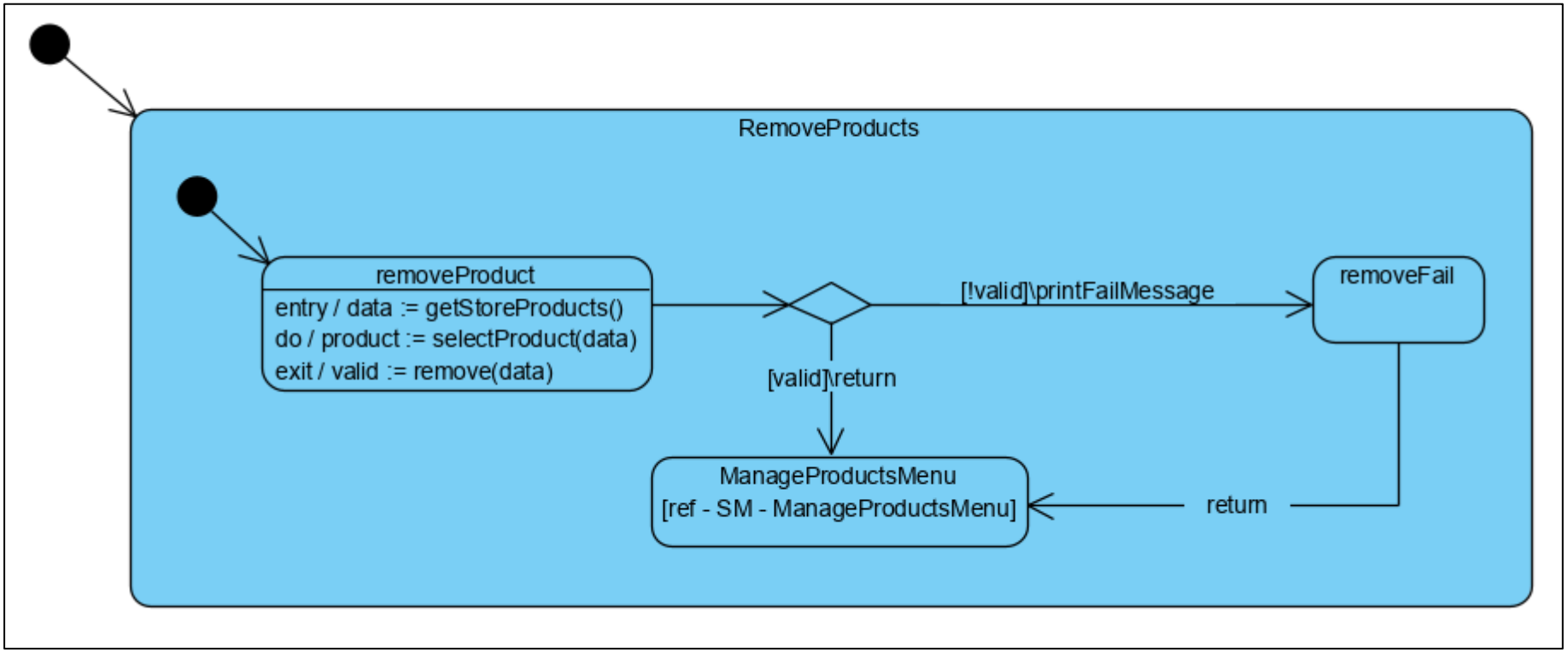
4.1 Manage products menu



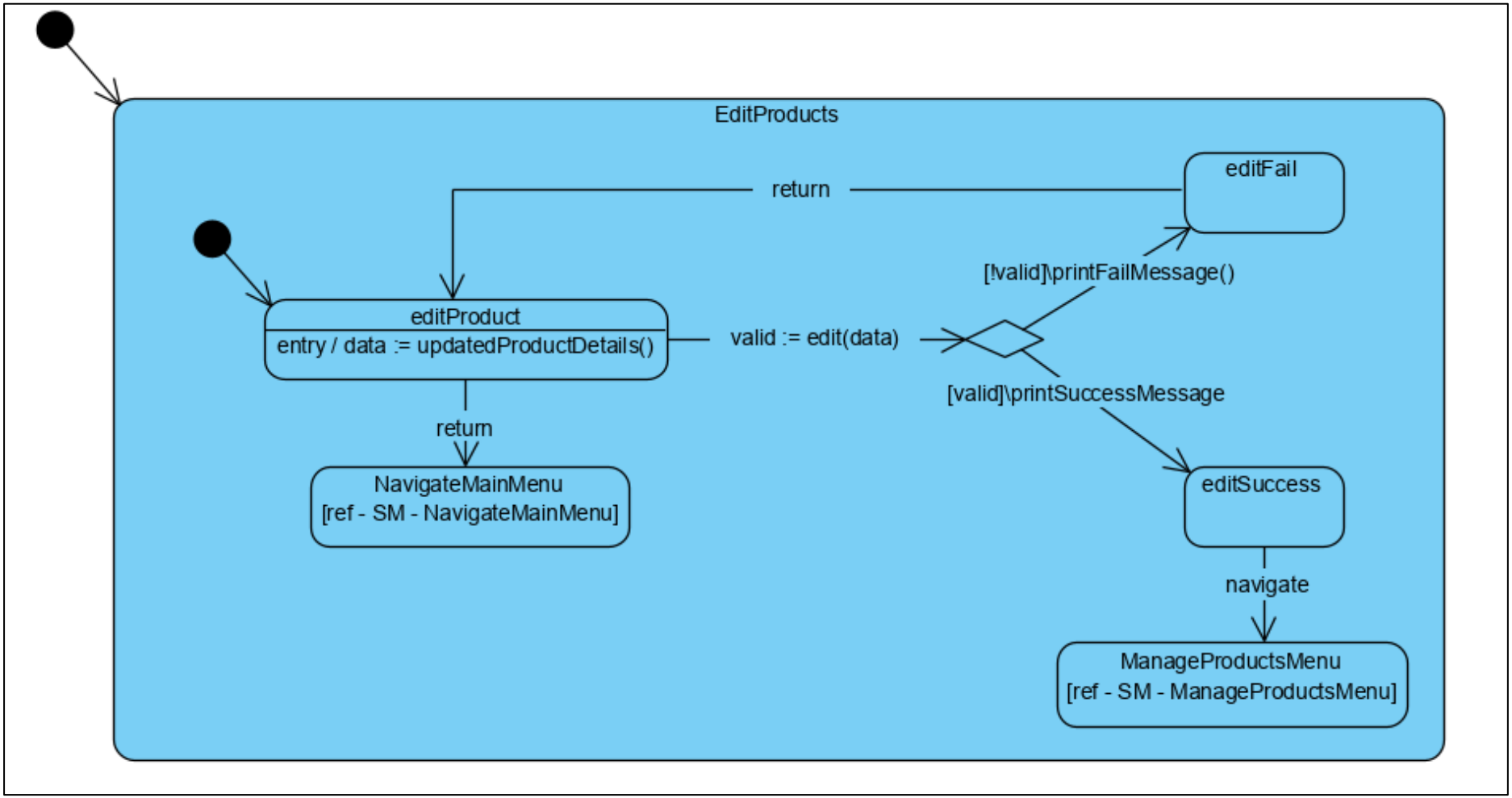
4.1.1 Add products to store



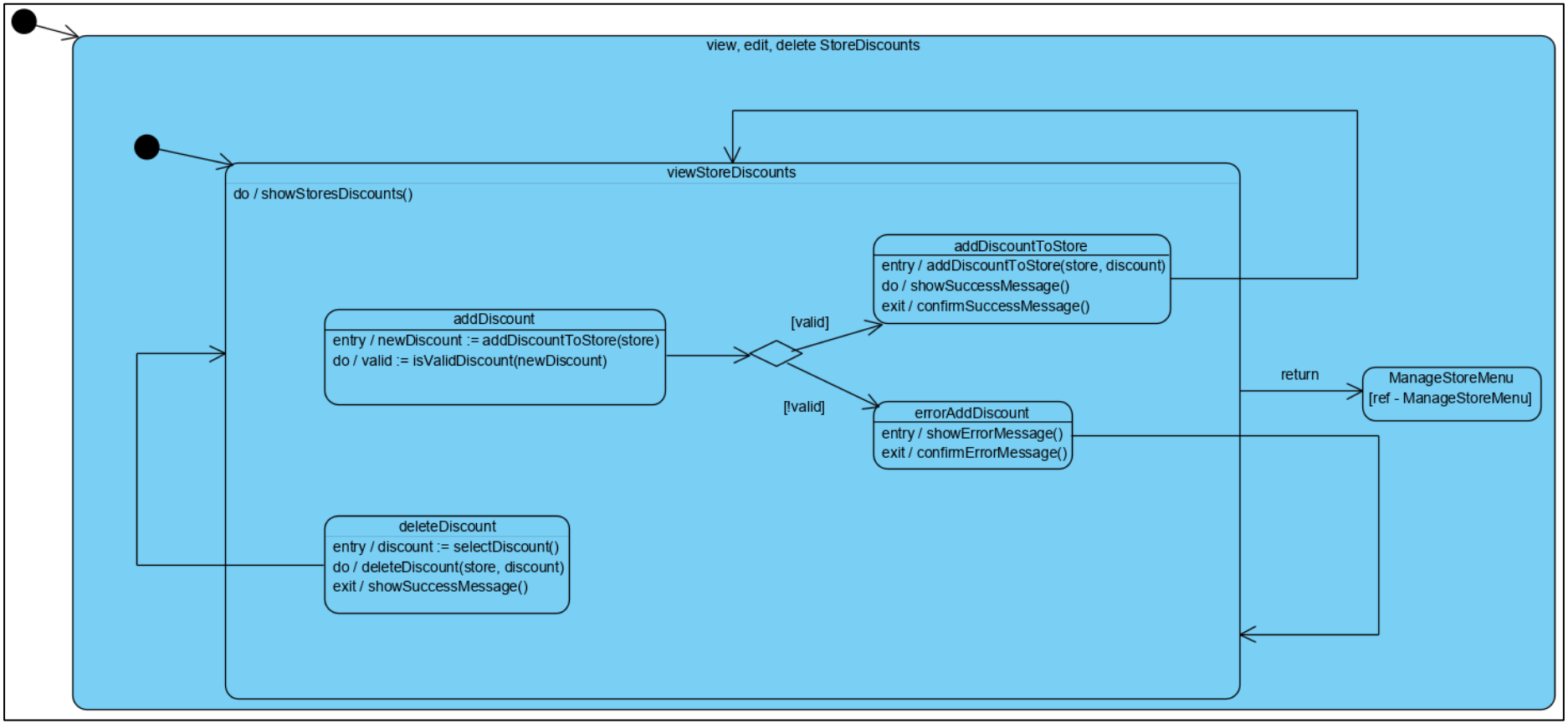
4.1.2 Remove products from store



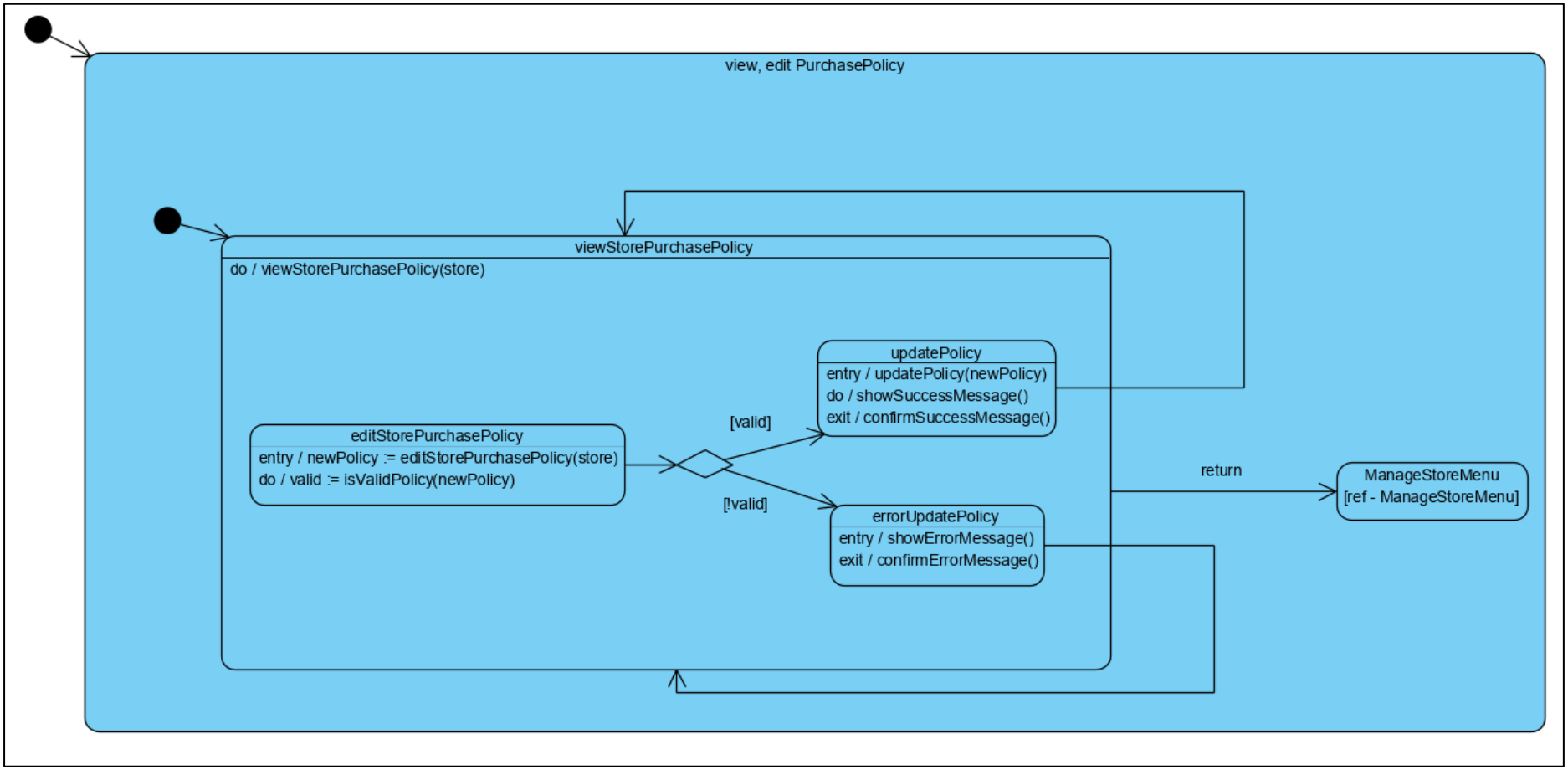
4.1.3 Edit product in store



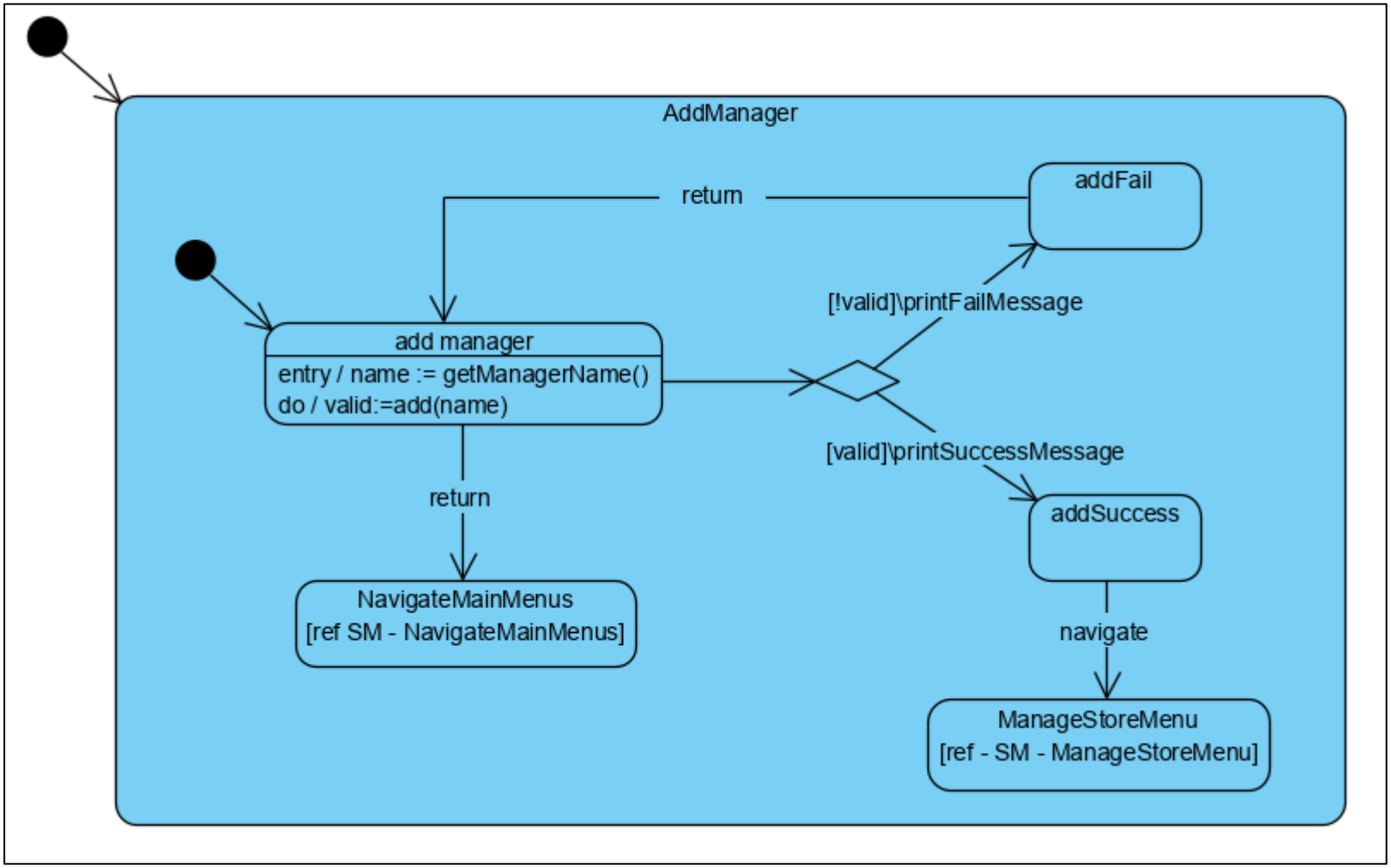
4.2.1 View edit delete store discount



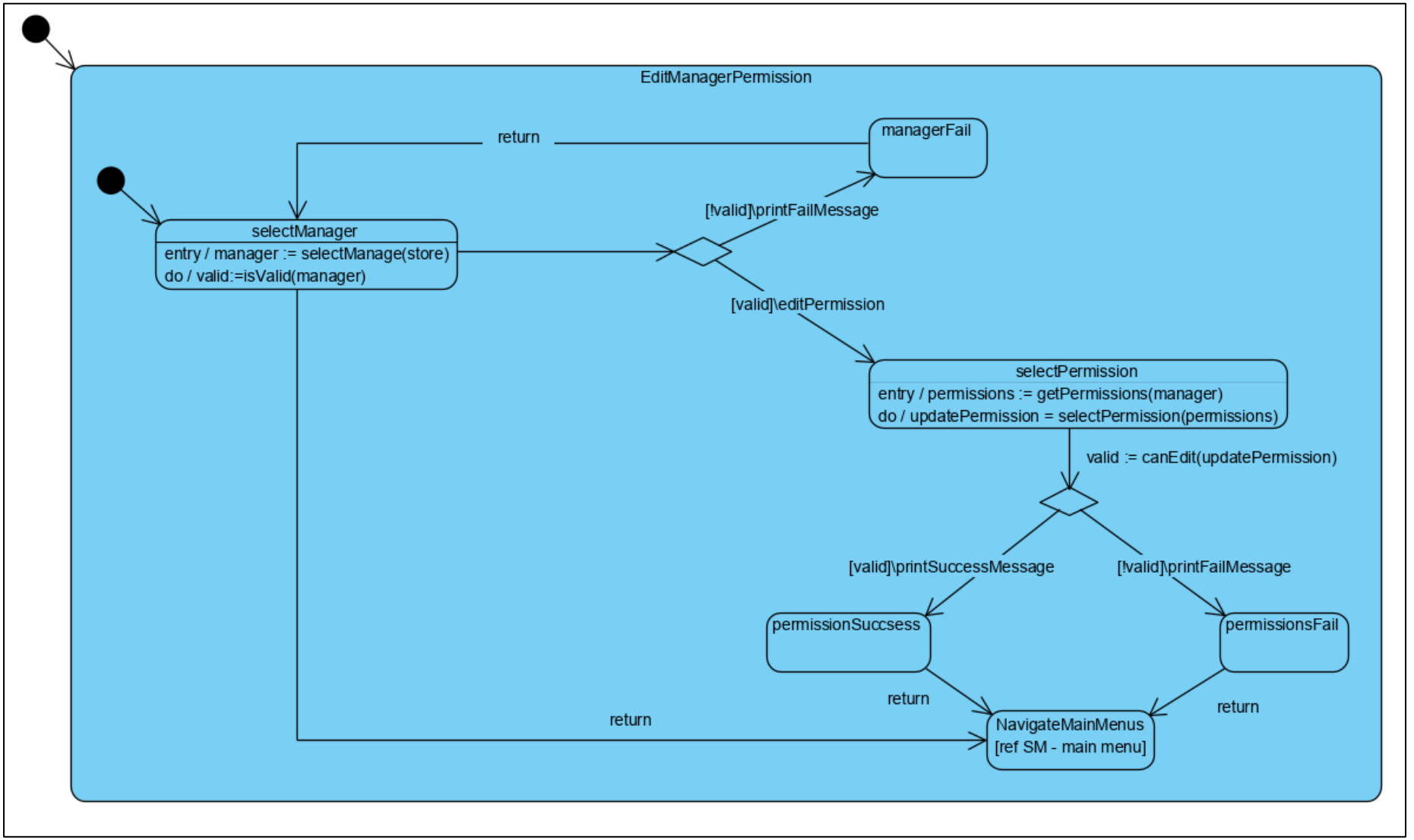
4.2.2 View edit purchase policy



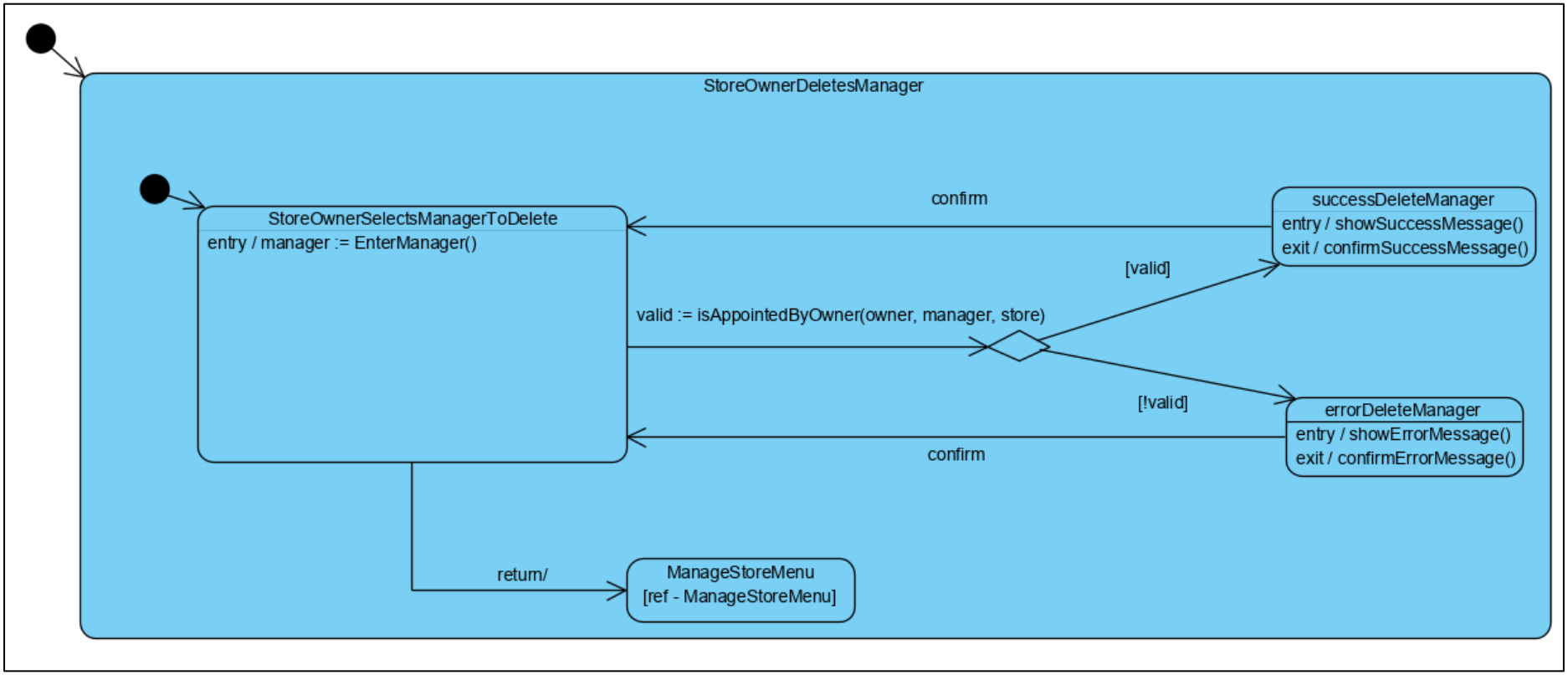
4.3 Add manager



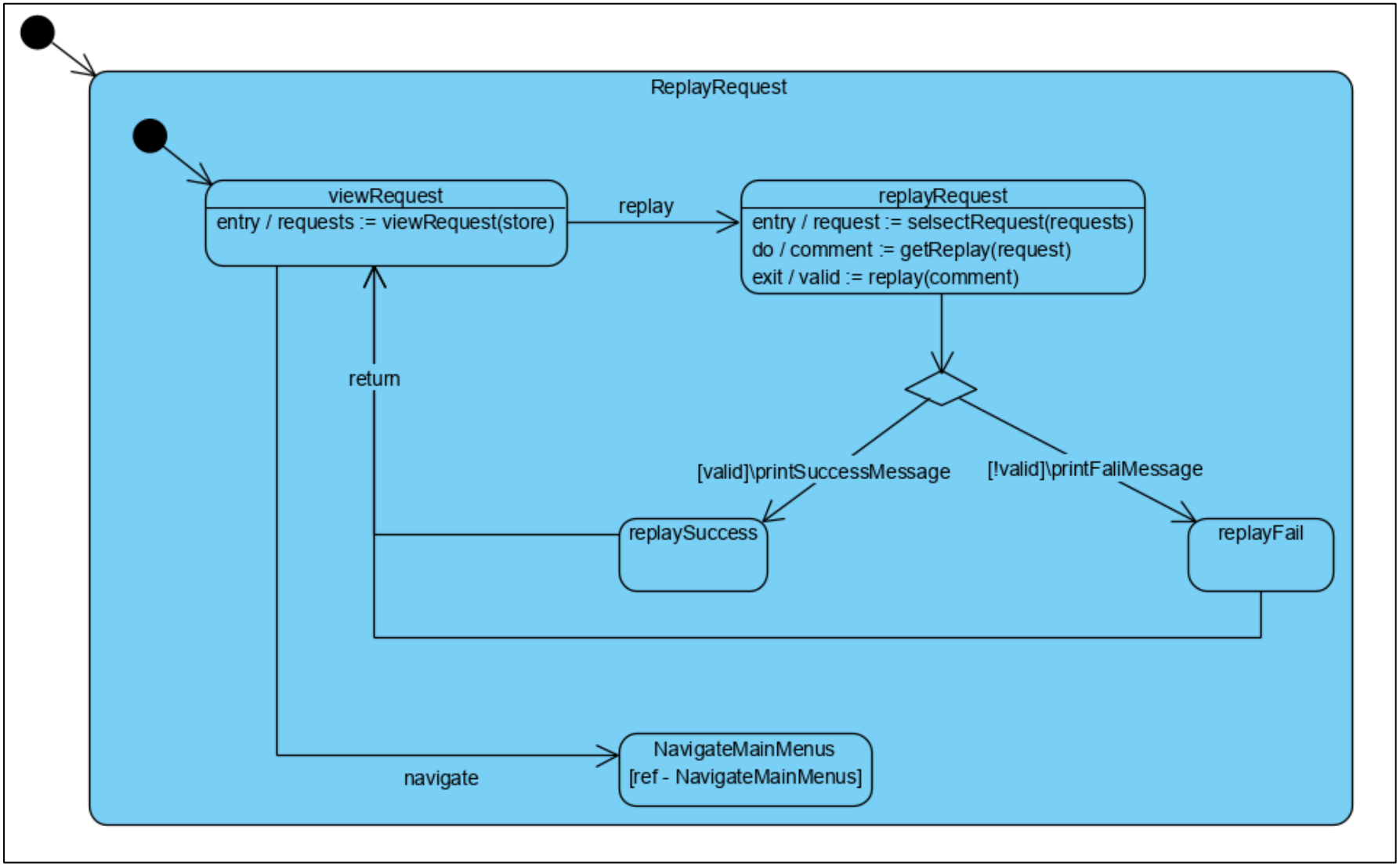
4.6 Edit manager permission



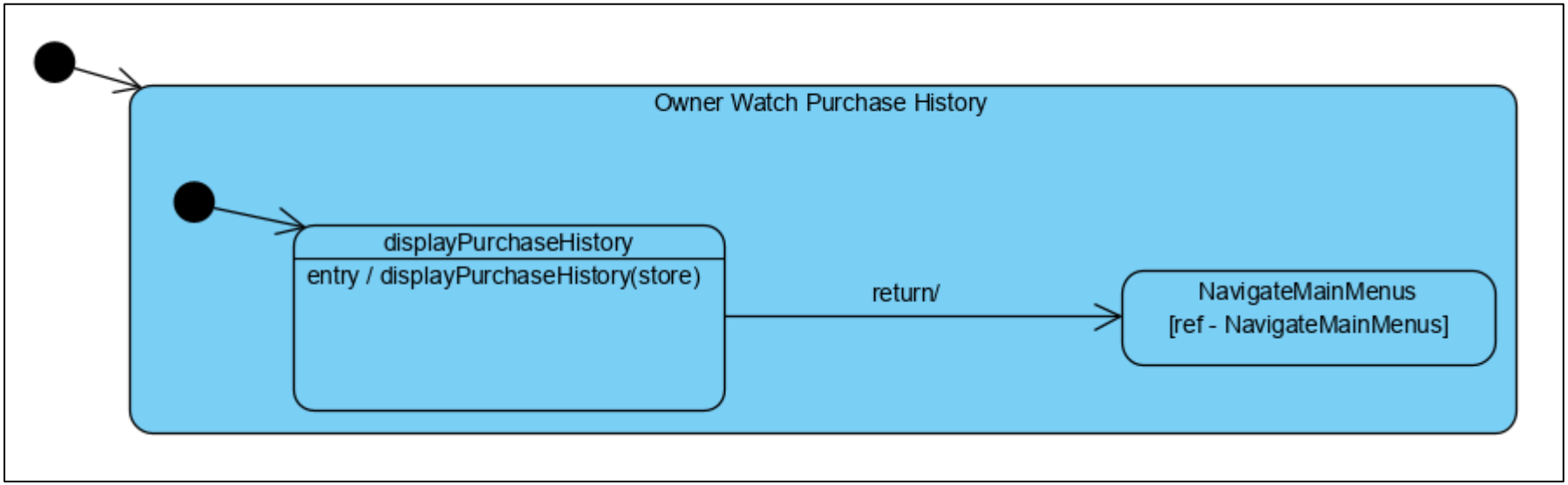
4.7 Delete manager



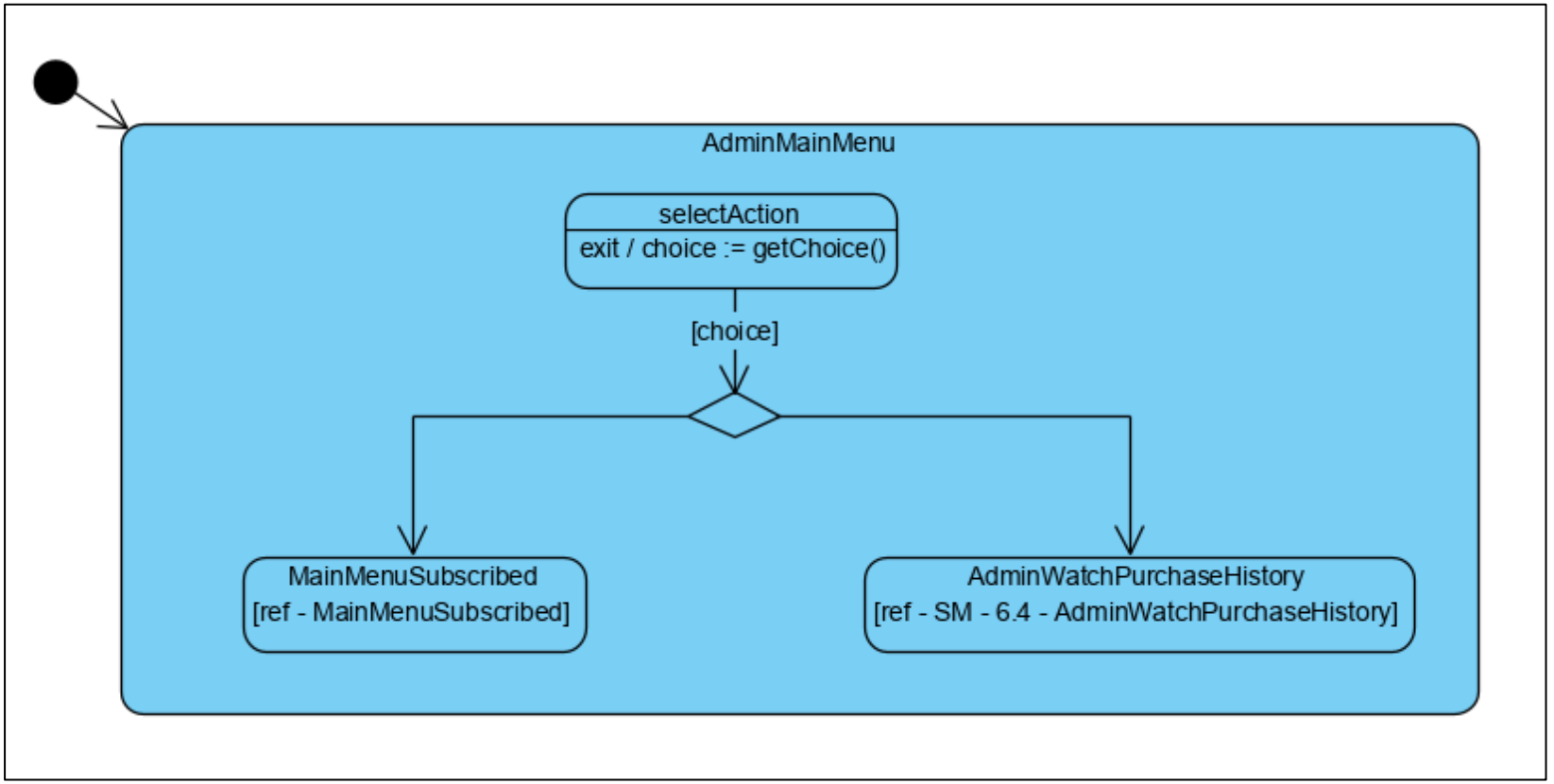
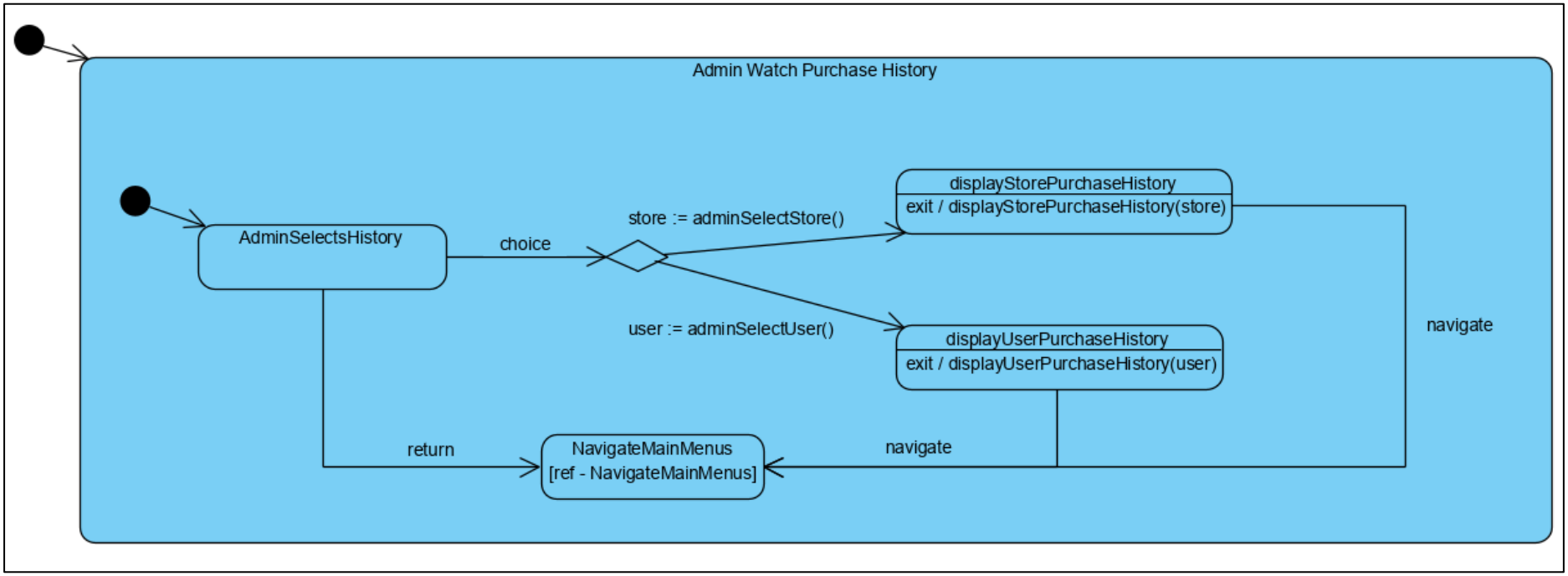
4.9 Replay request



4.10 Owner watch purchase history



6 - Admin Menu


AdminMainMenu
selectAction
exit / choice := getChoice()
[choice]
MainMenuSubscribed
[ref - MainMenuSubscribed]
AdminWatchPurchaseHistory
[ref - SM - 6.4 - AdminWatchPurchaseHistory]

6.4 Admin watch purchase history