

**CSC-204 Software Engineering**  
**Design Document**

**Bloomify**



**Submitted by:**

- Zainab Ali Khan                    2023-CS-618
- Samar Noor                        2023-CS-630

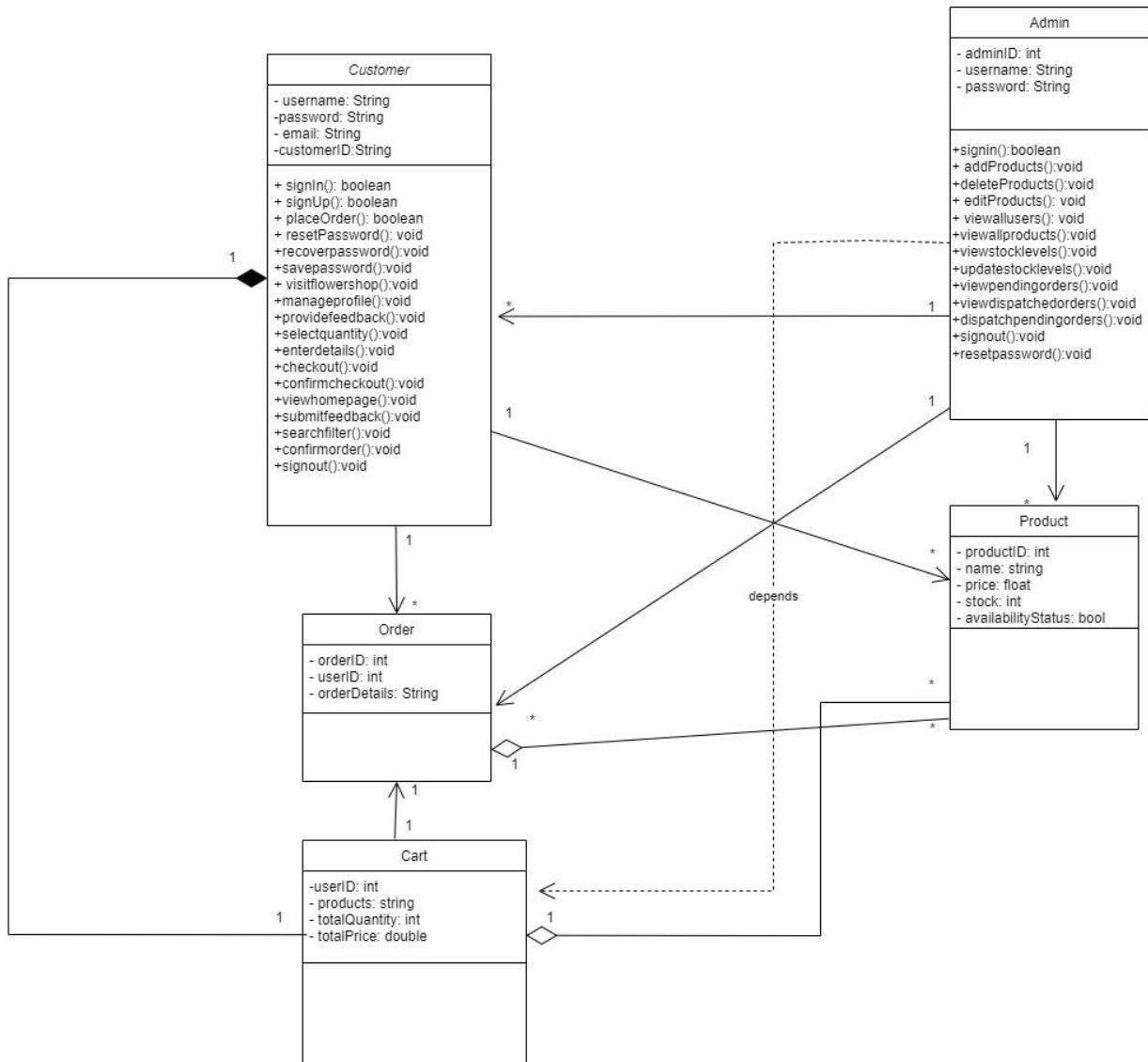
**Submitted to:**

Sir Zeeshan Ramzan

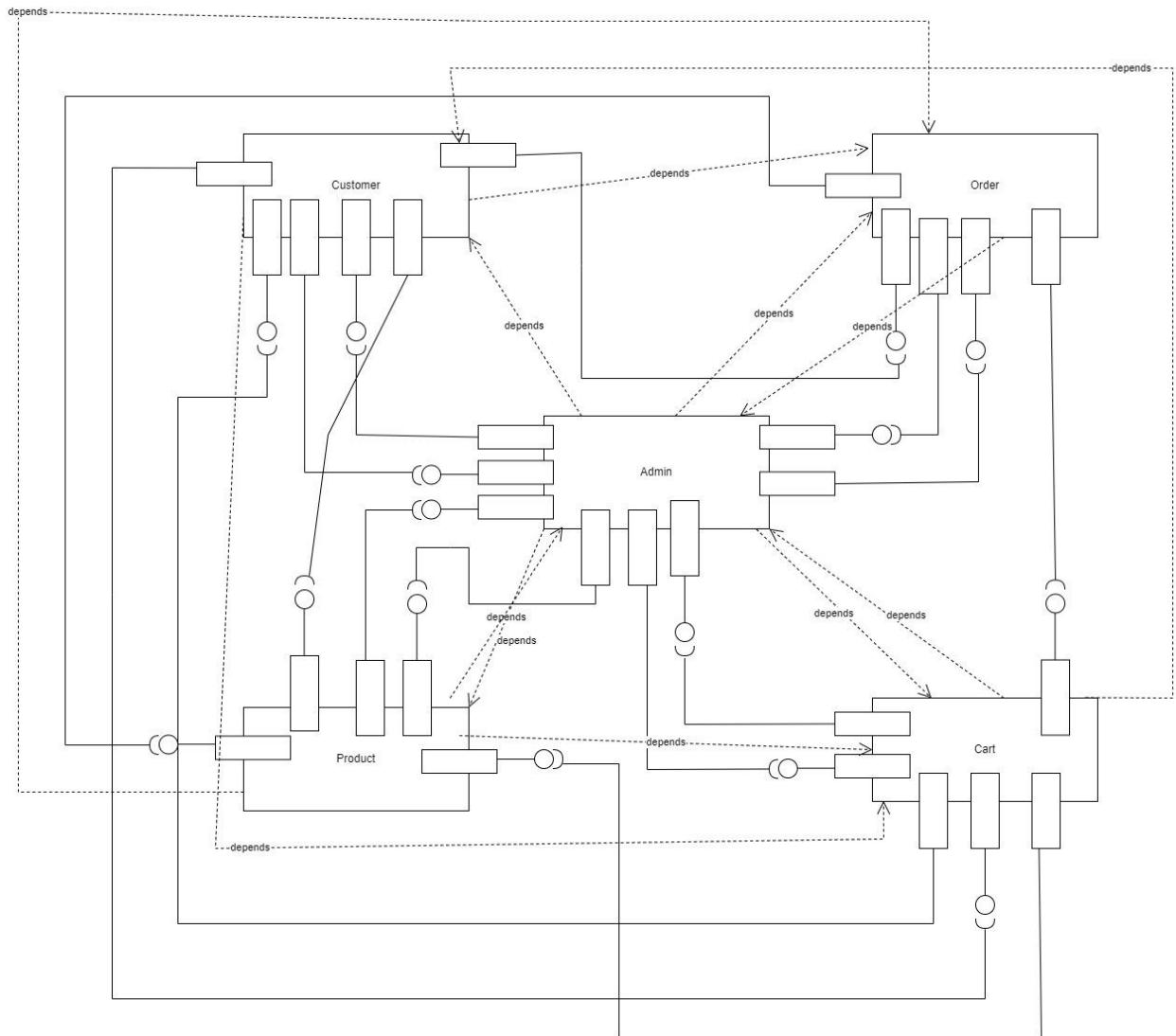
Dated: 16<sup>th</sup> December 2024

**Department of Computer Science**  
**University of Engineering and Technology Lahore, New Campus**

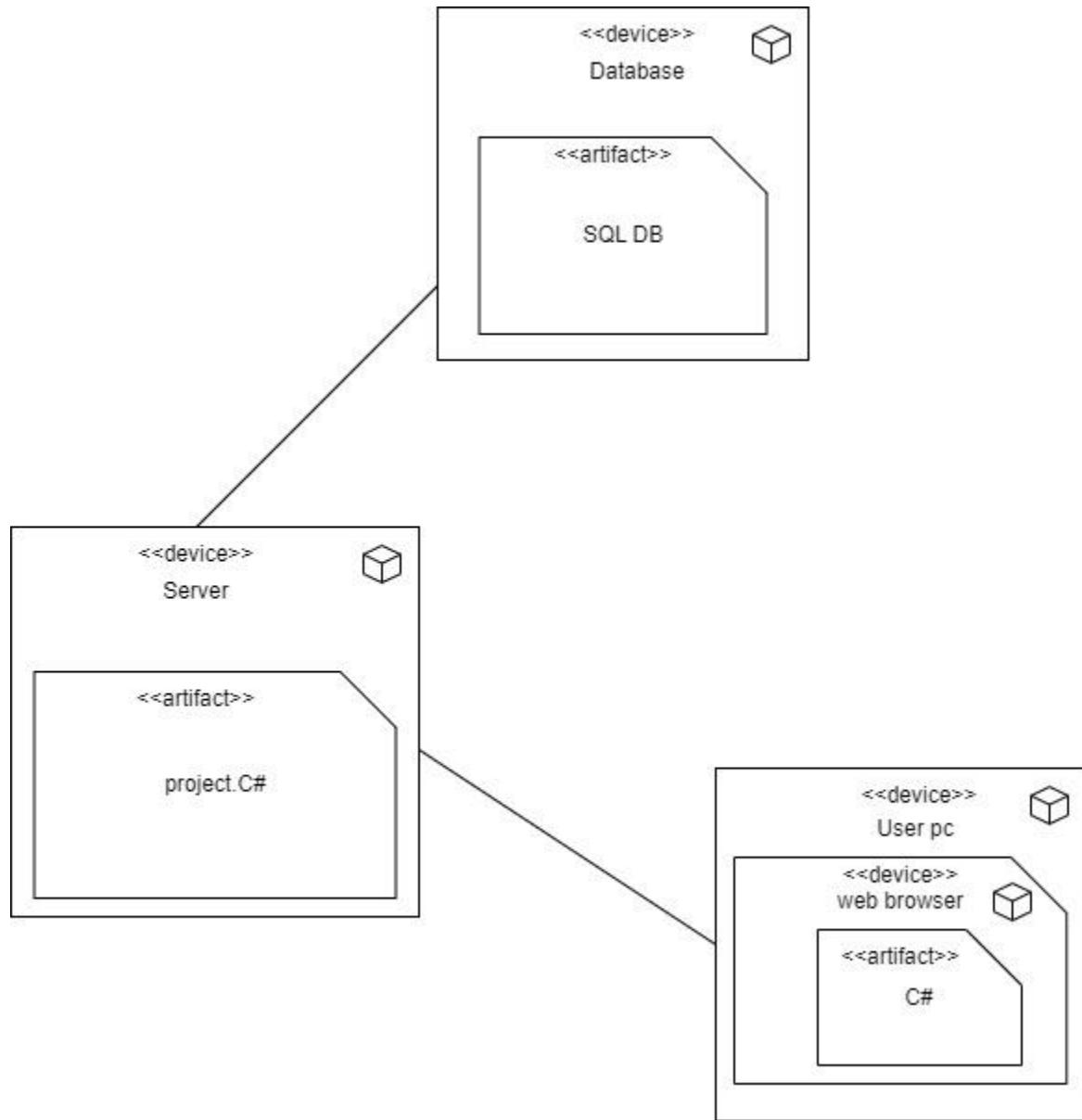
# Static Class Diagram



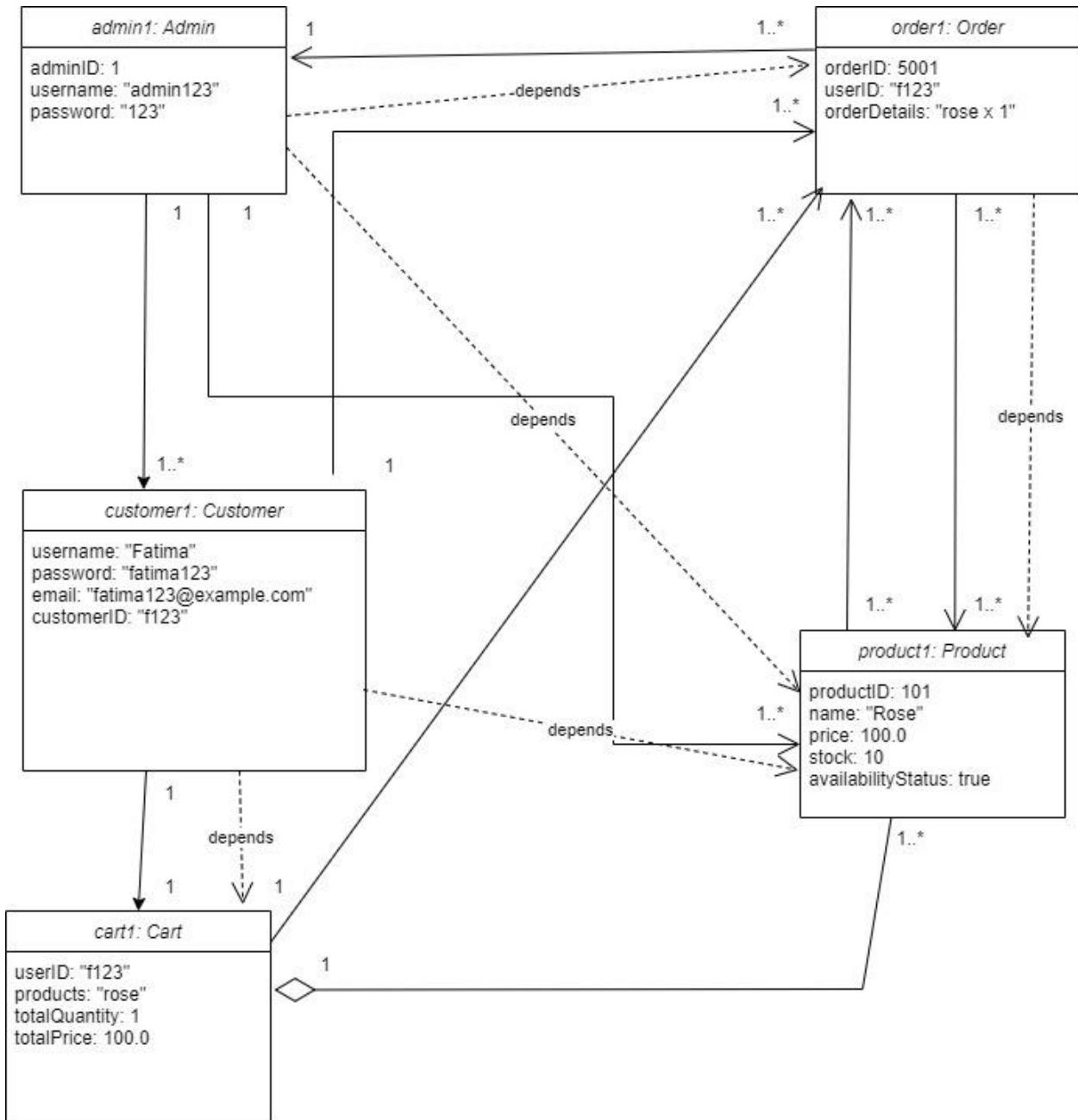
# Component Diagram



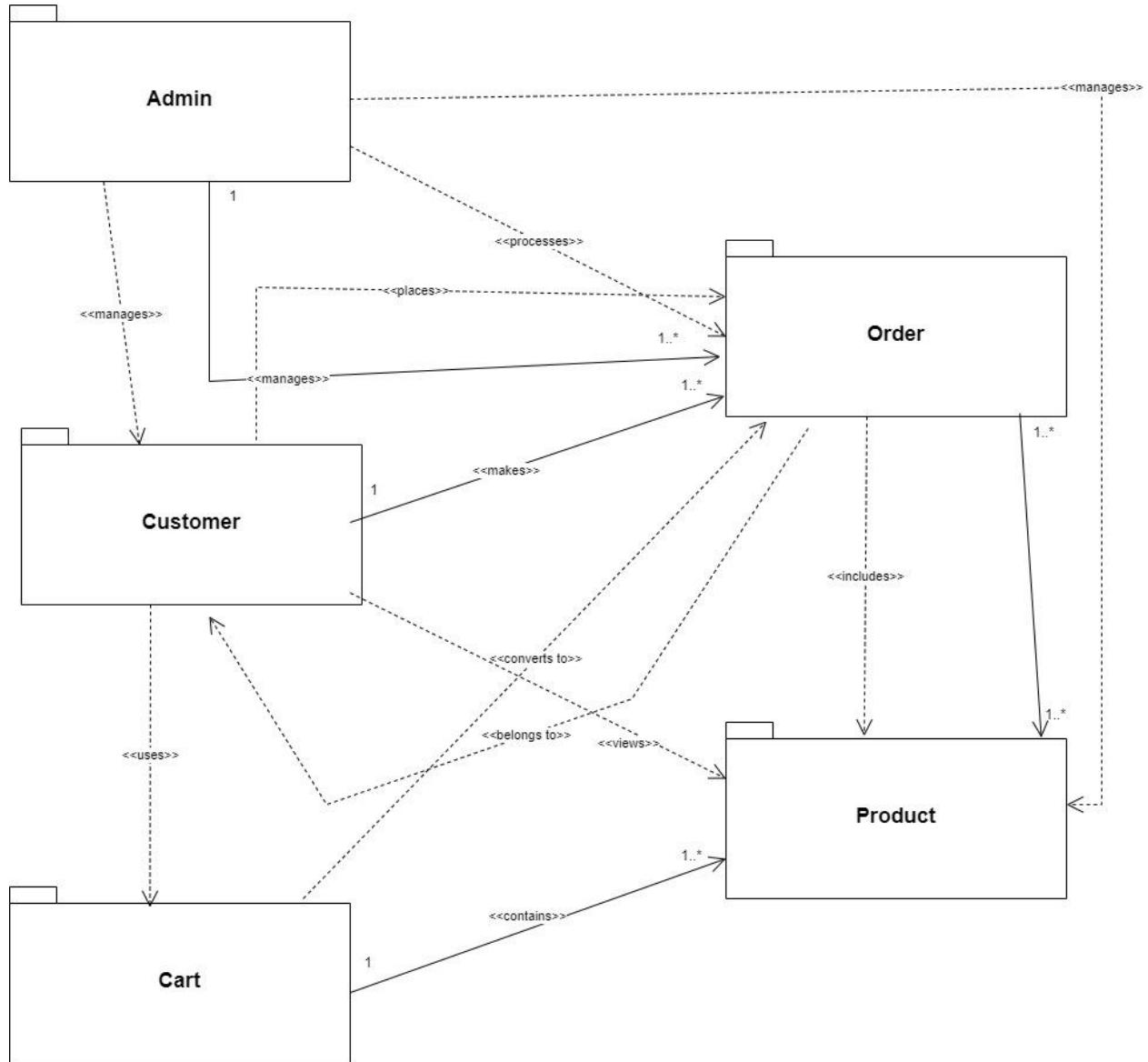
# Deployment Diagram



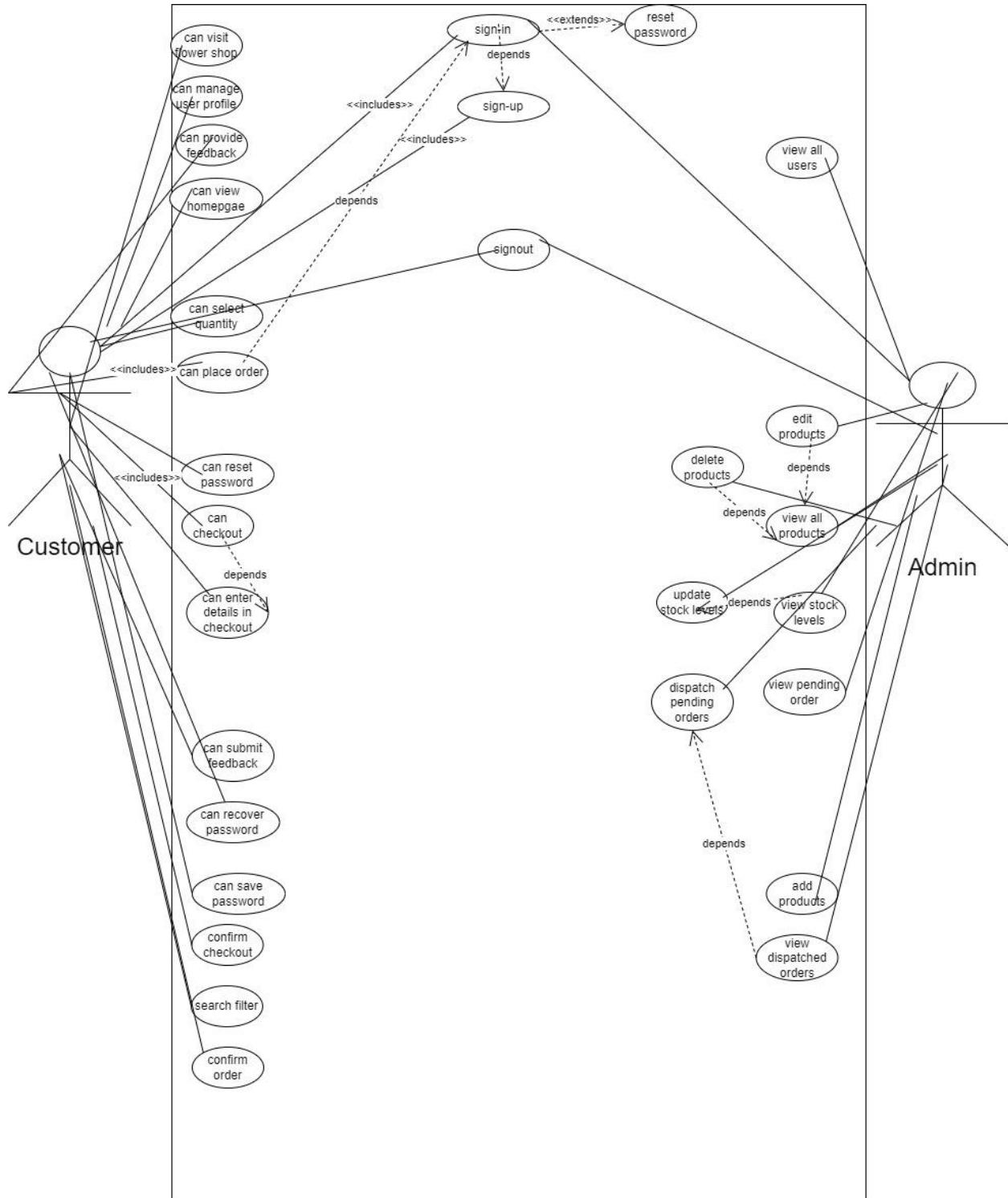
# Object Diagram



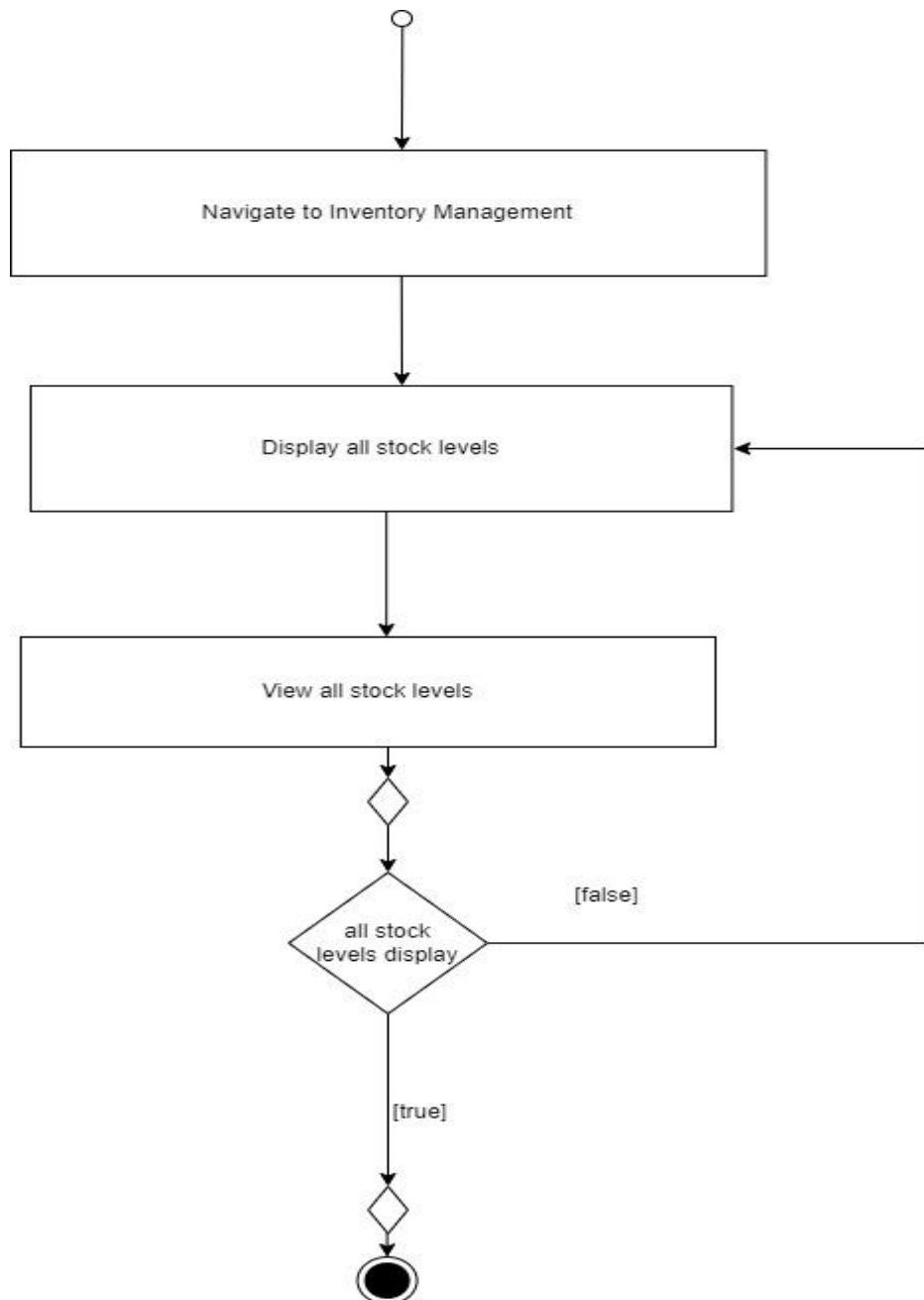
# Package Diagram

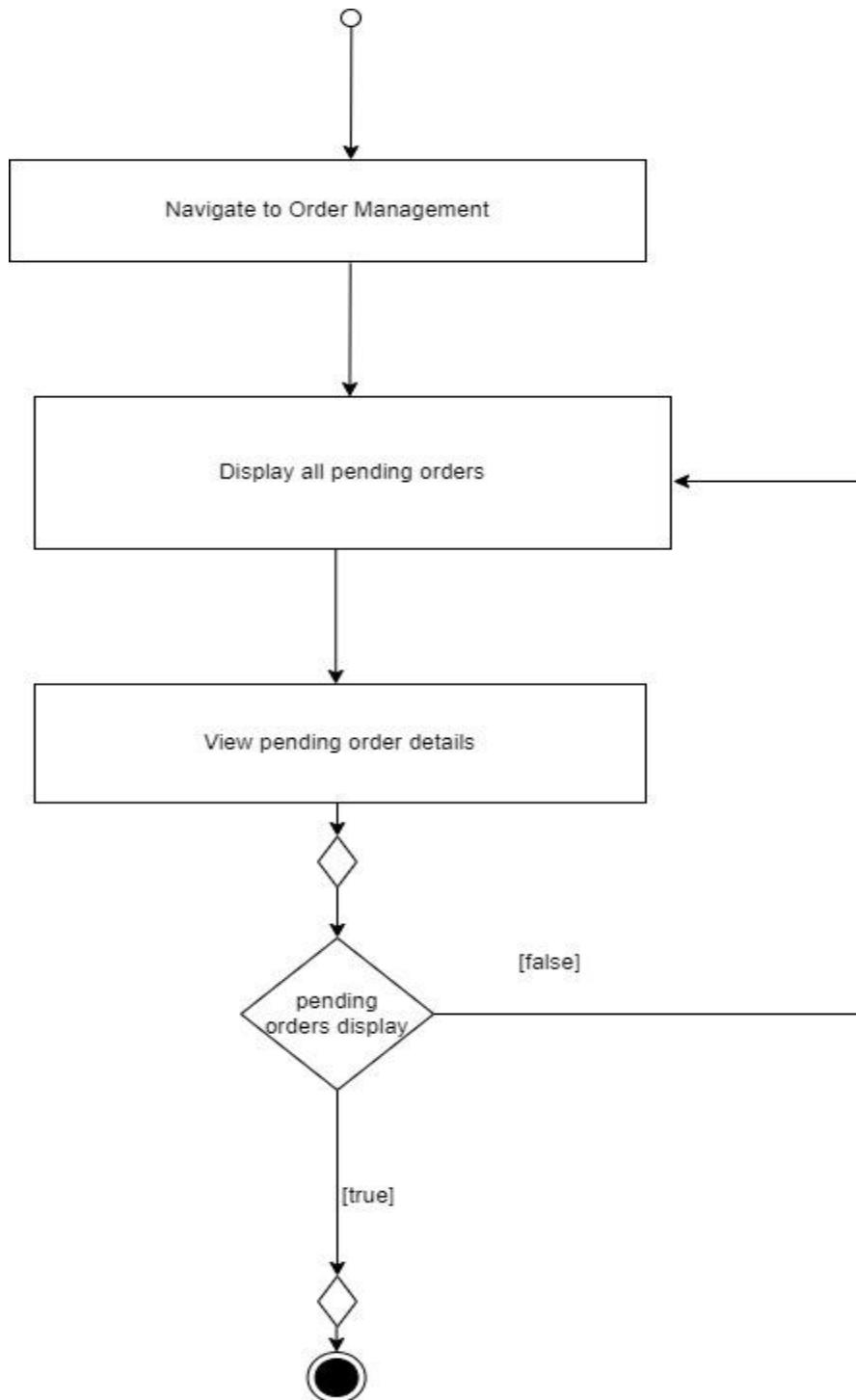


# Use Case Diagram

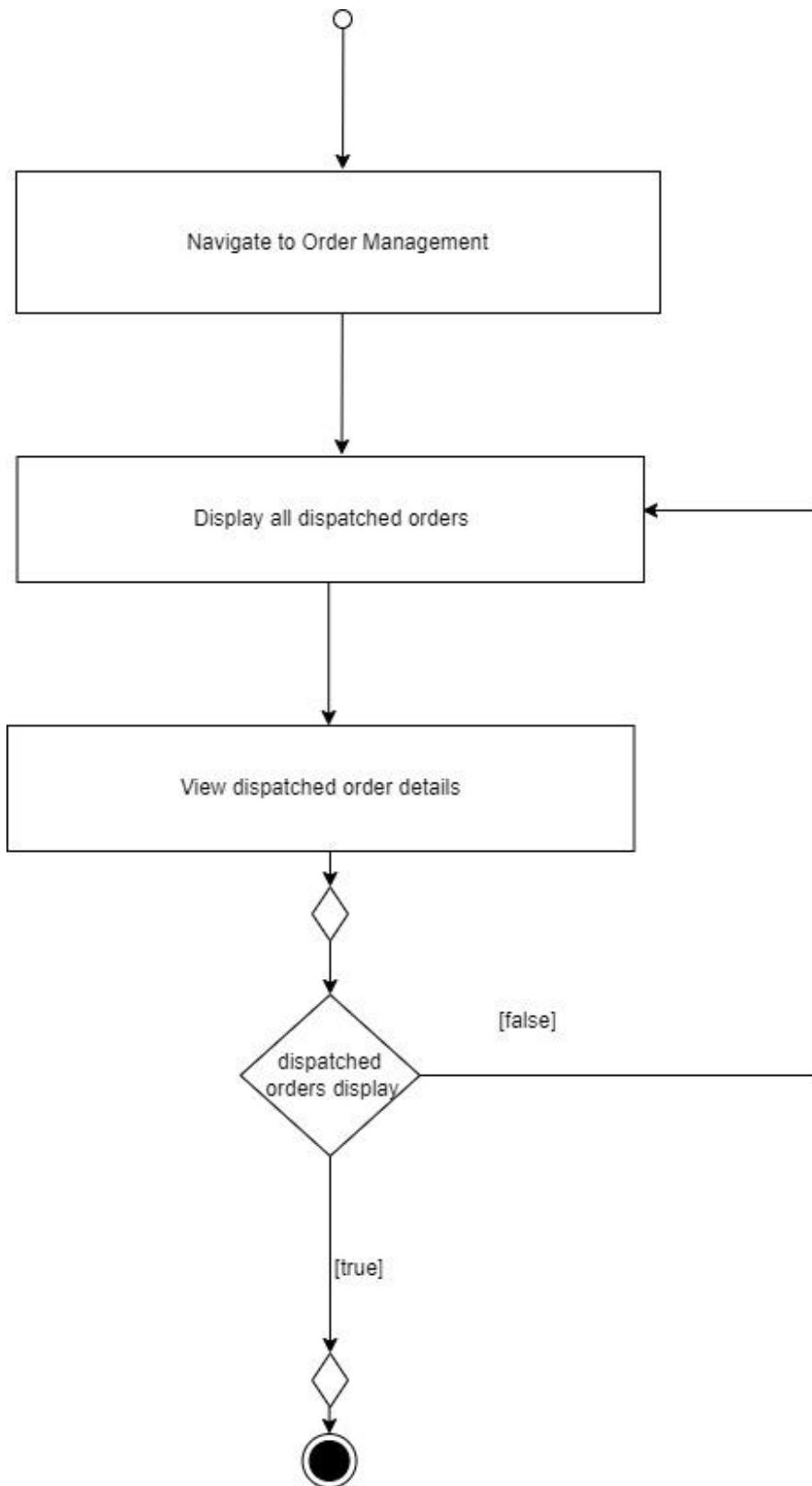


Dynamic  
Activity Diagram  
Admin Side  
Viewallstocklevels()

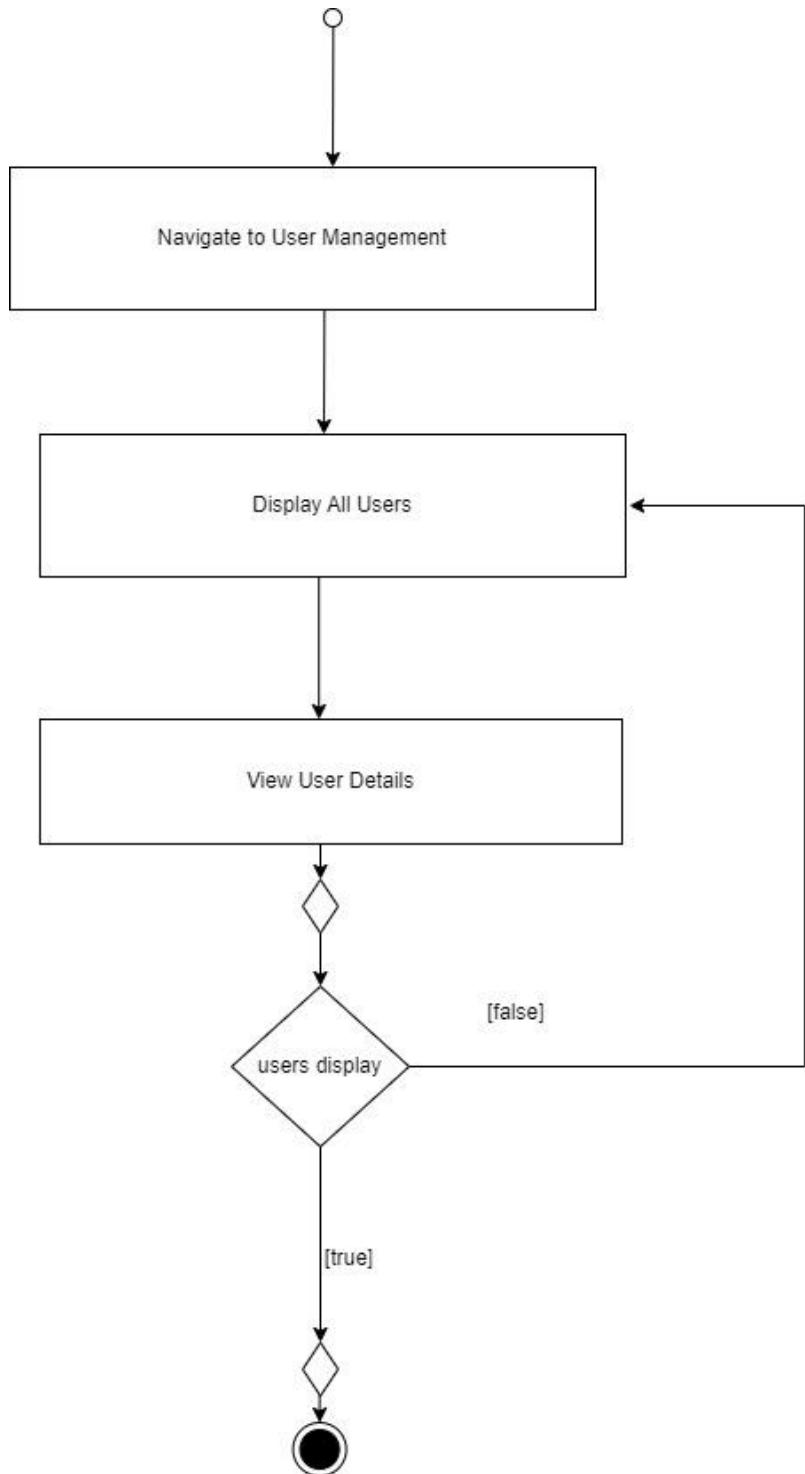




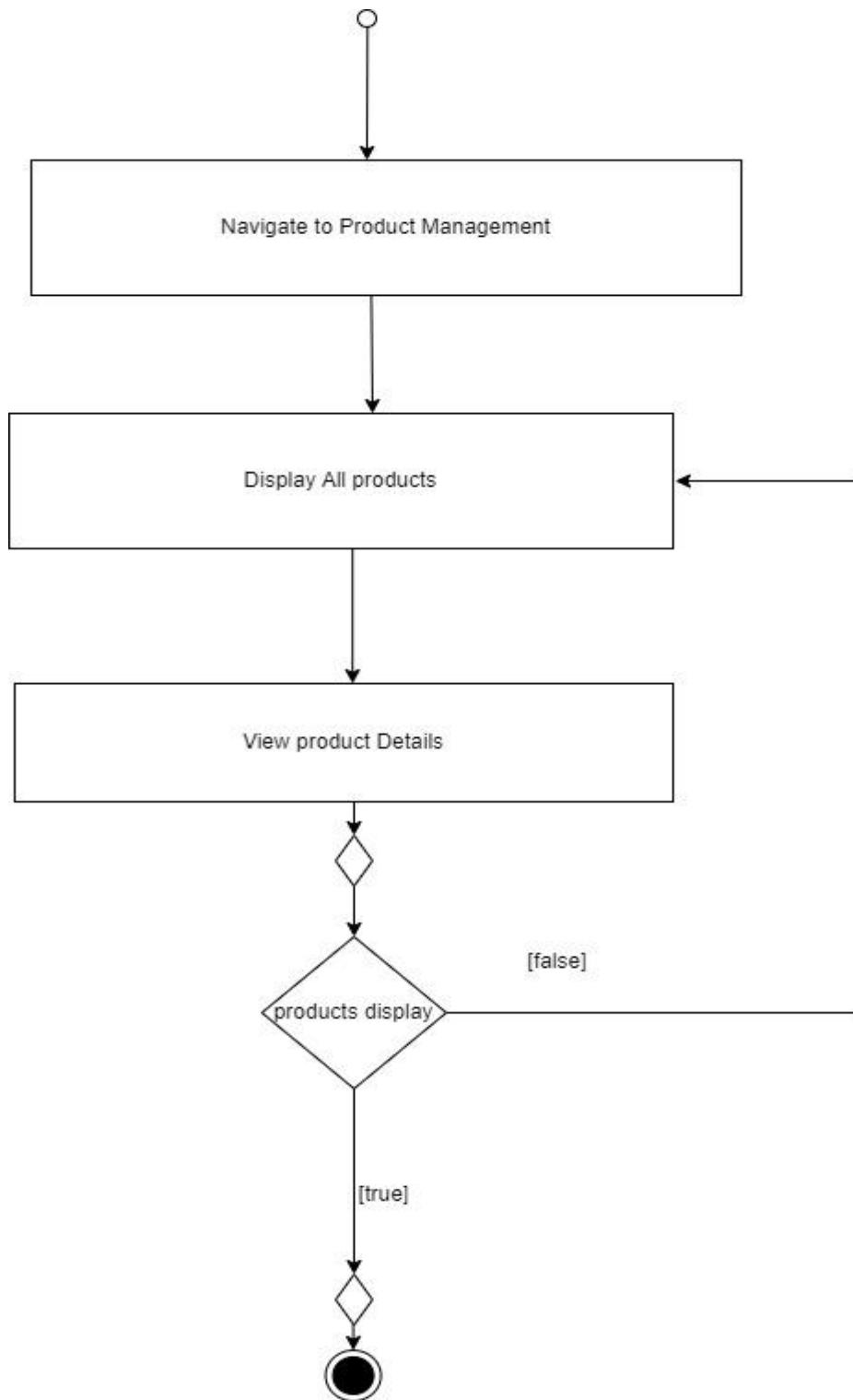
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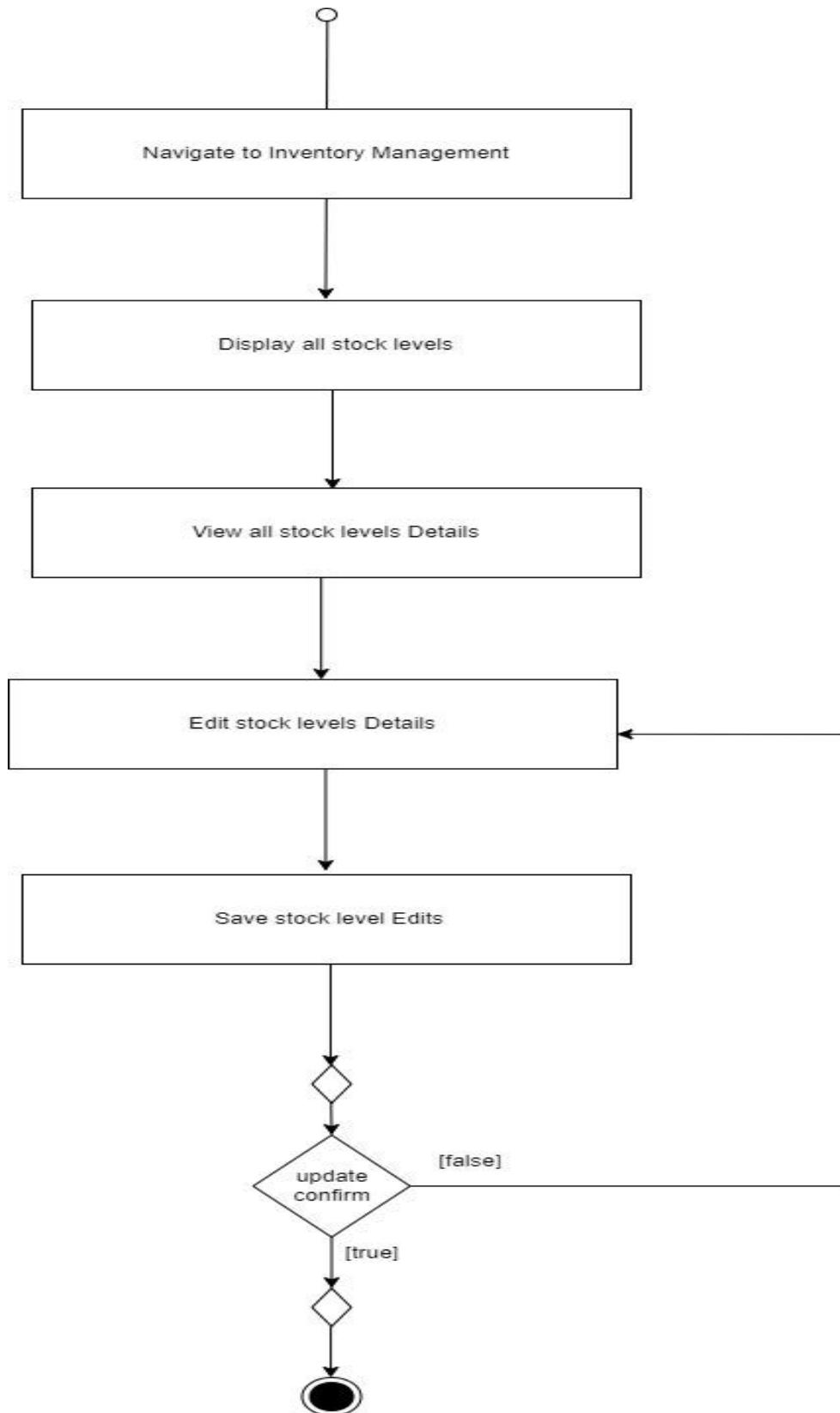
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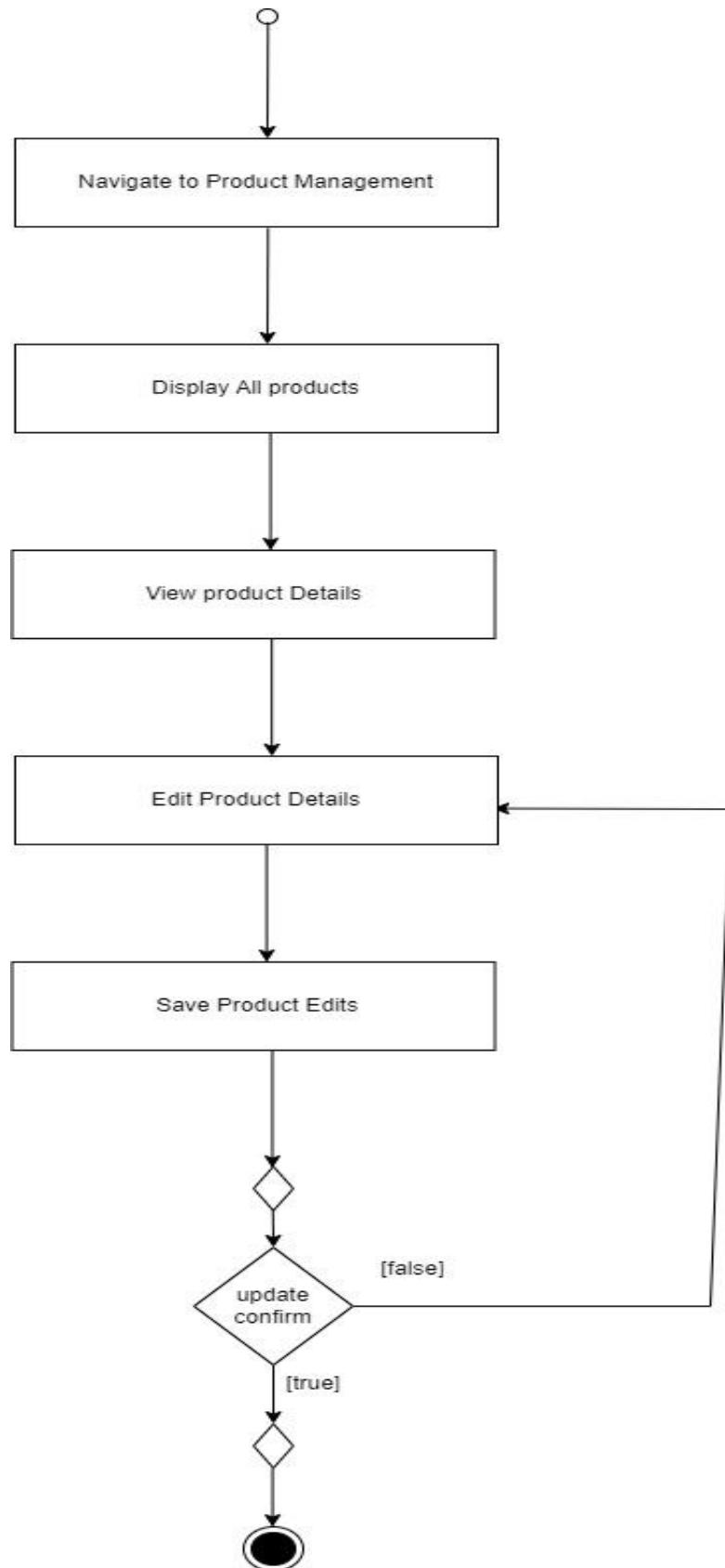
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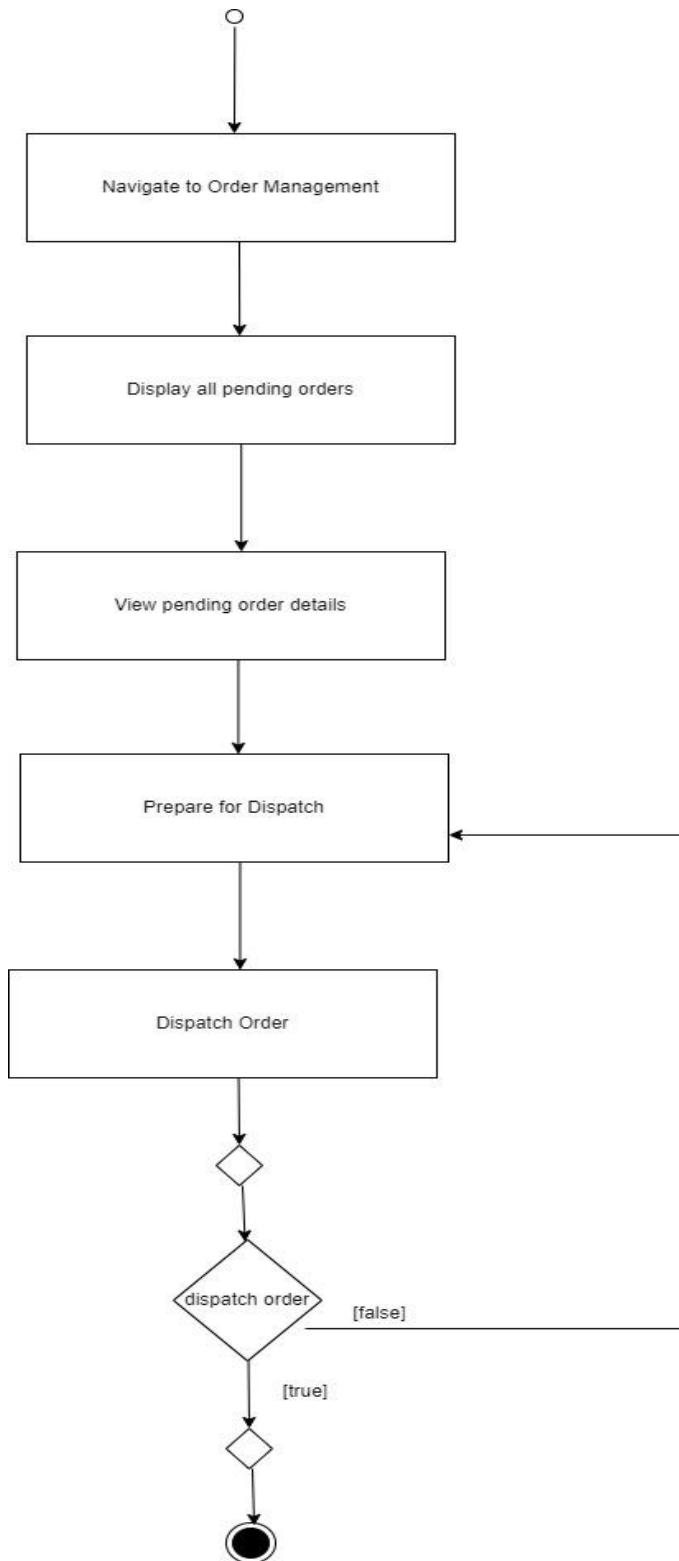
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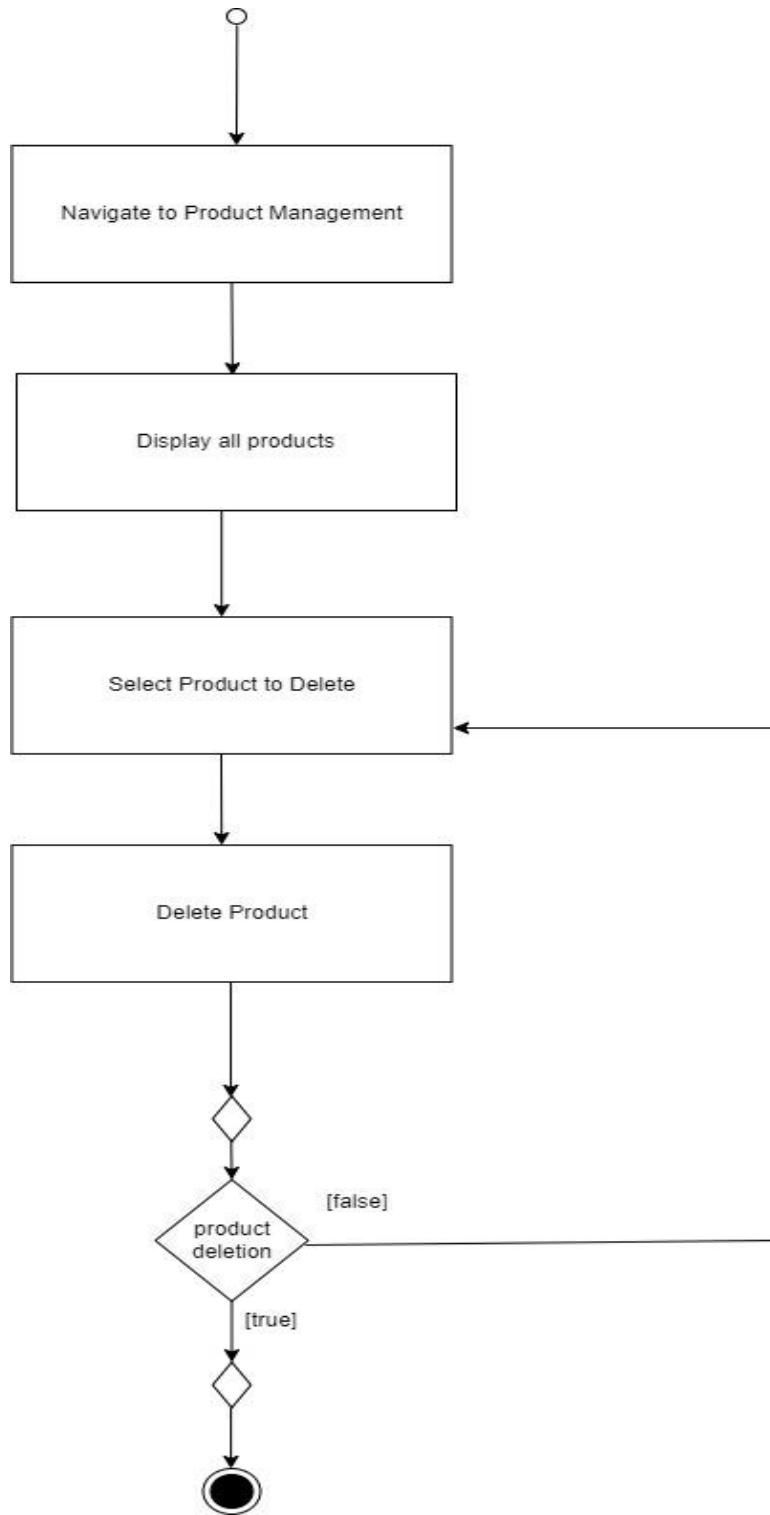
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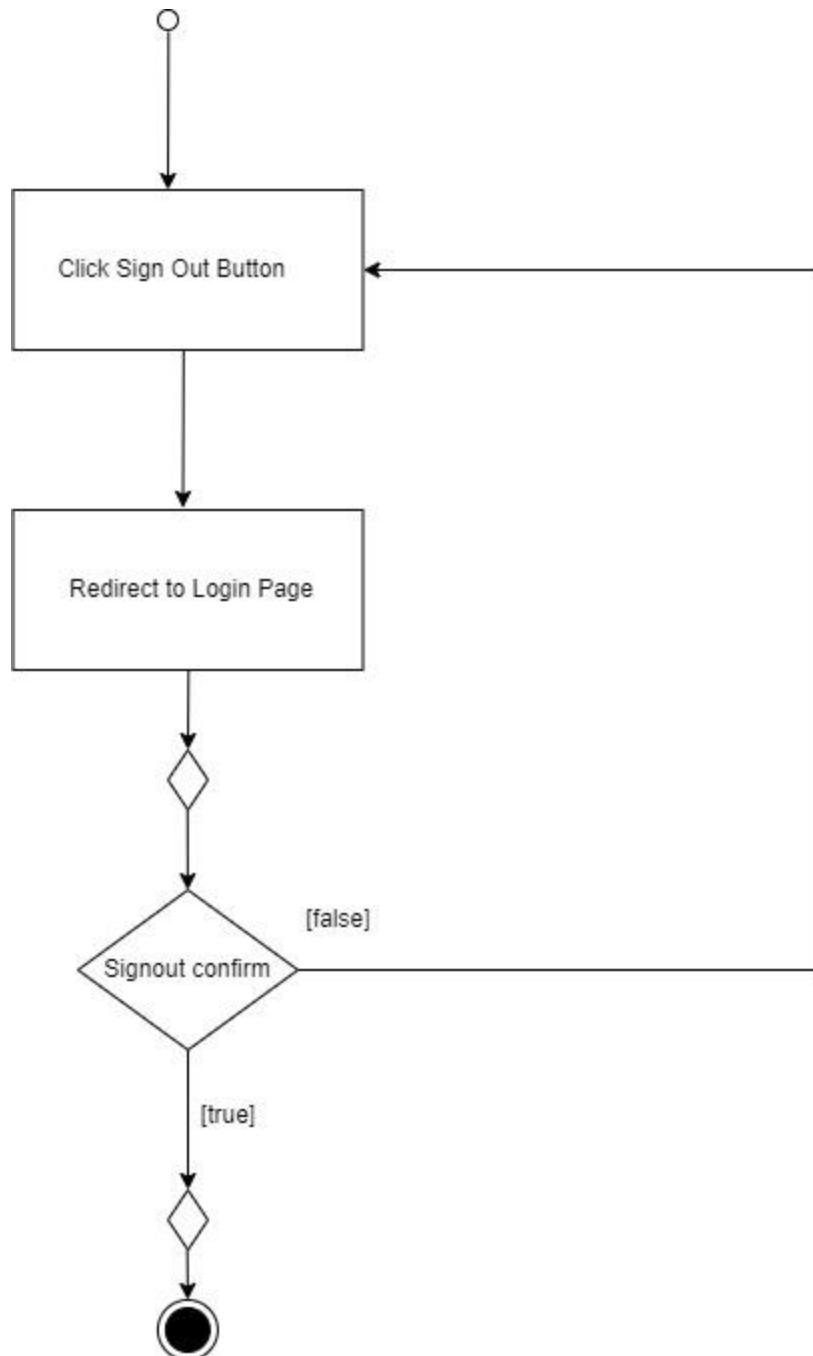
[editproduct\(\)](#)



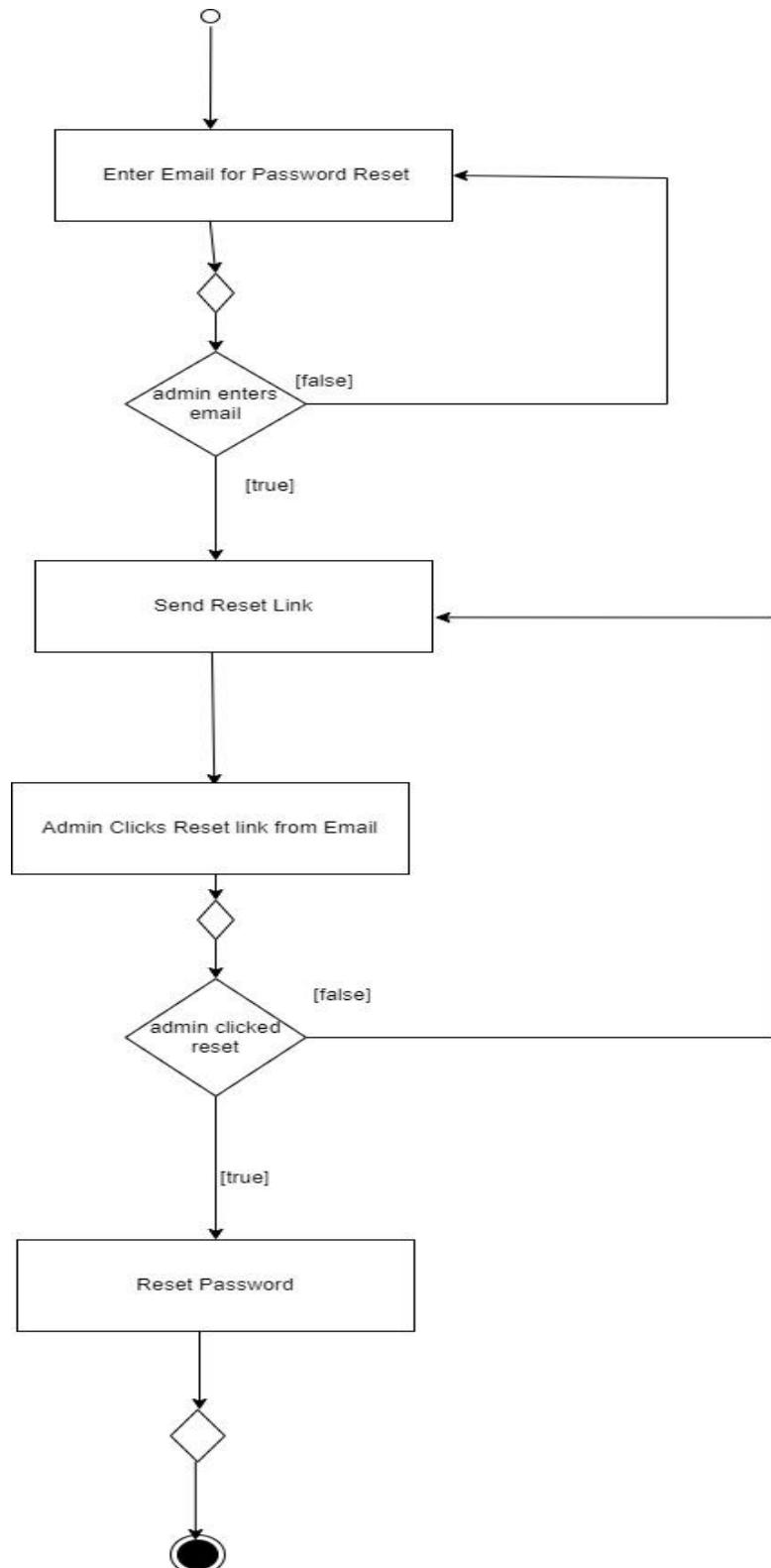
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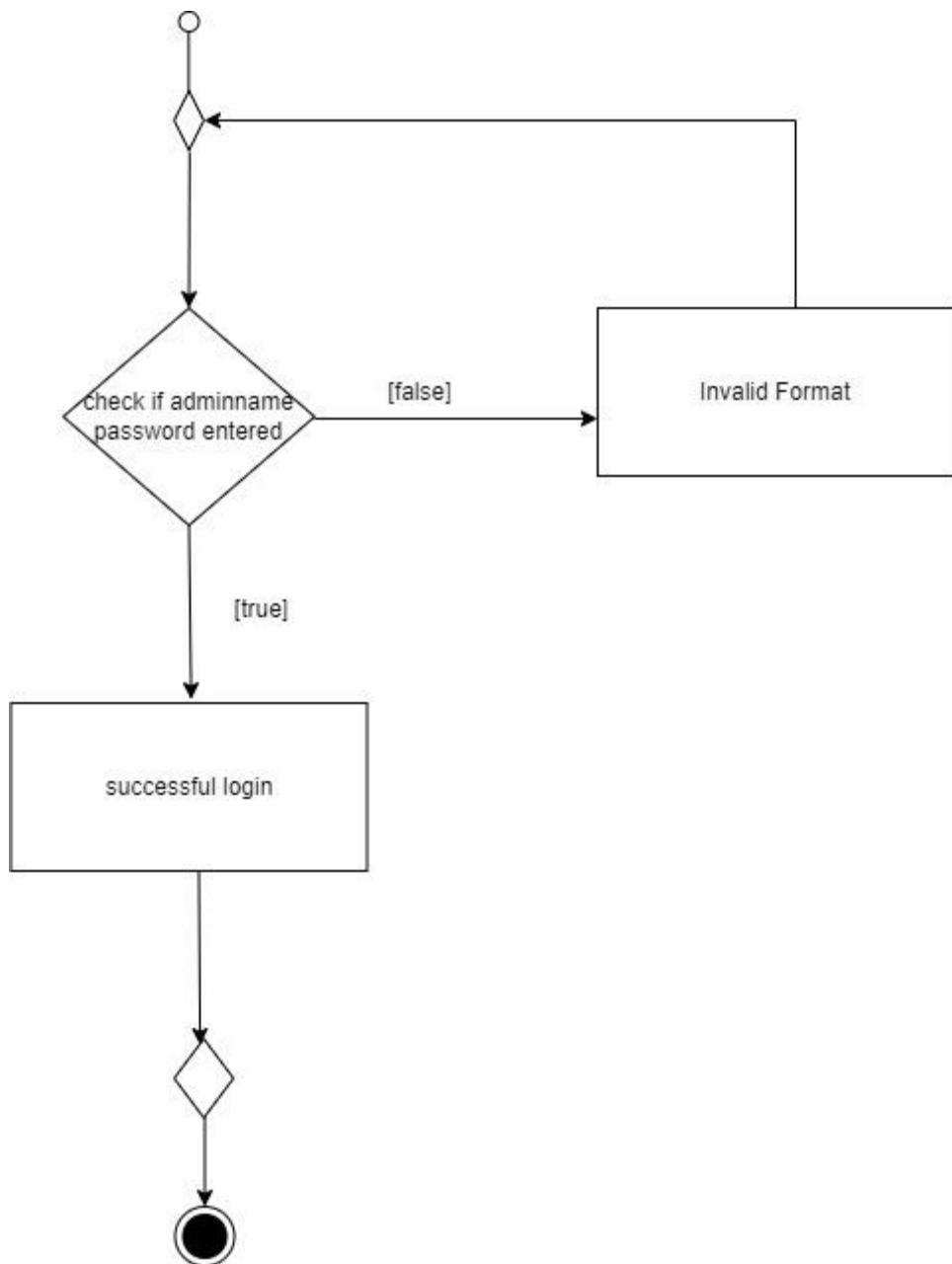
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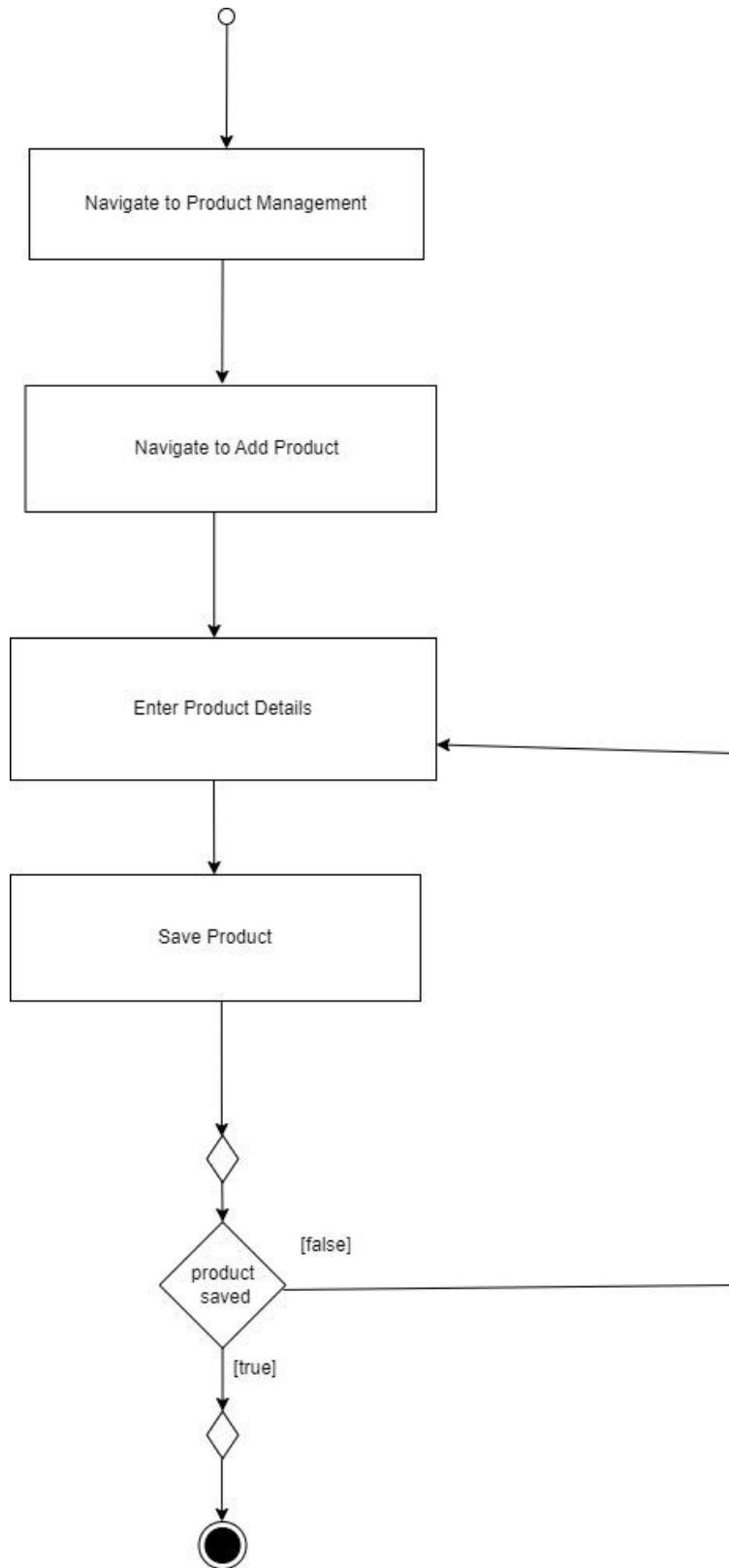
signout()



resetpassword ()

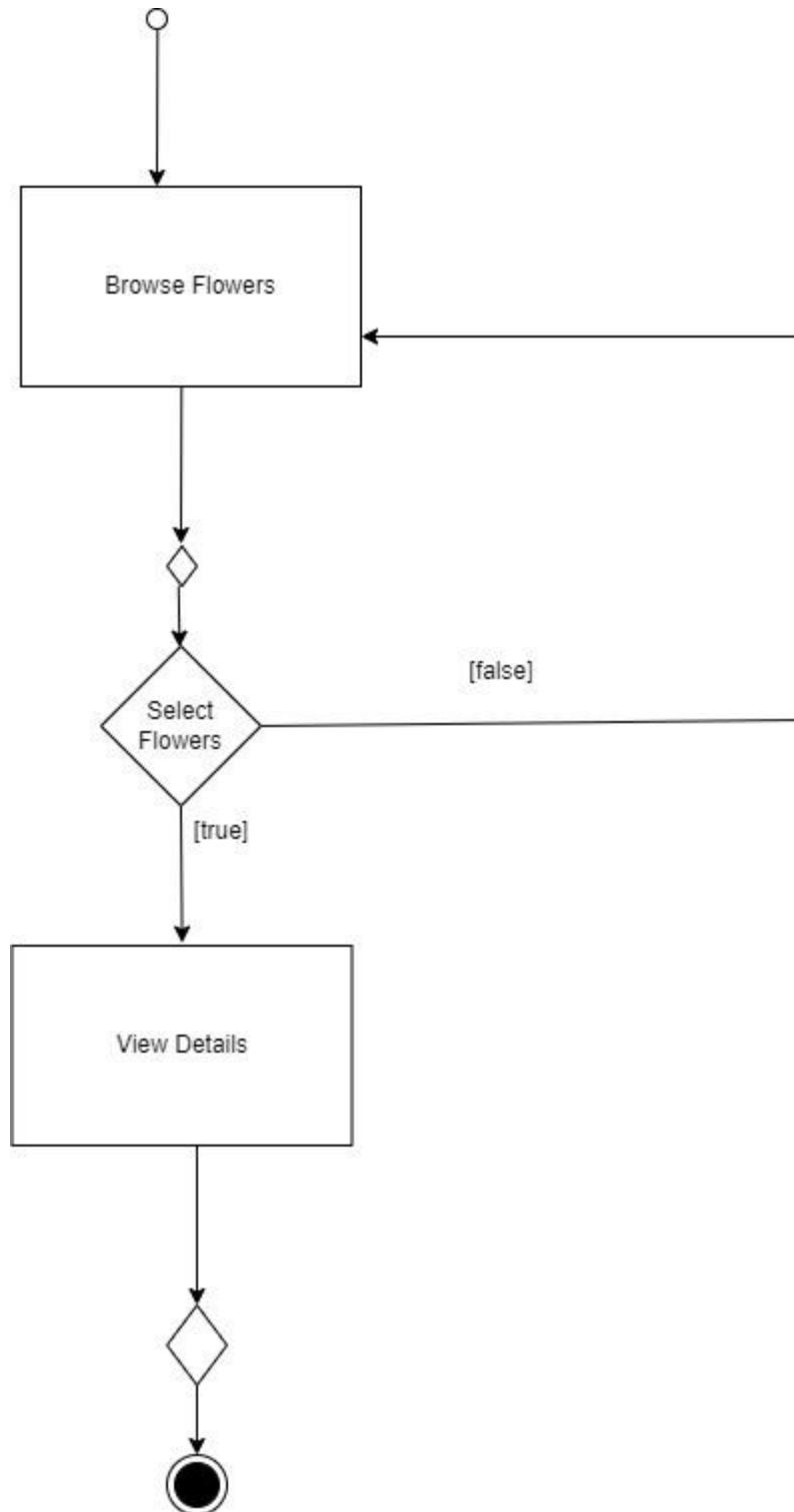


login ()

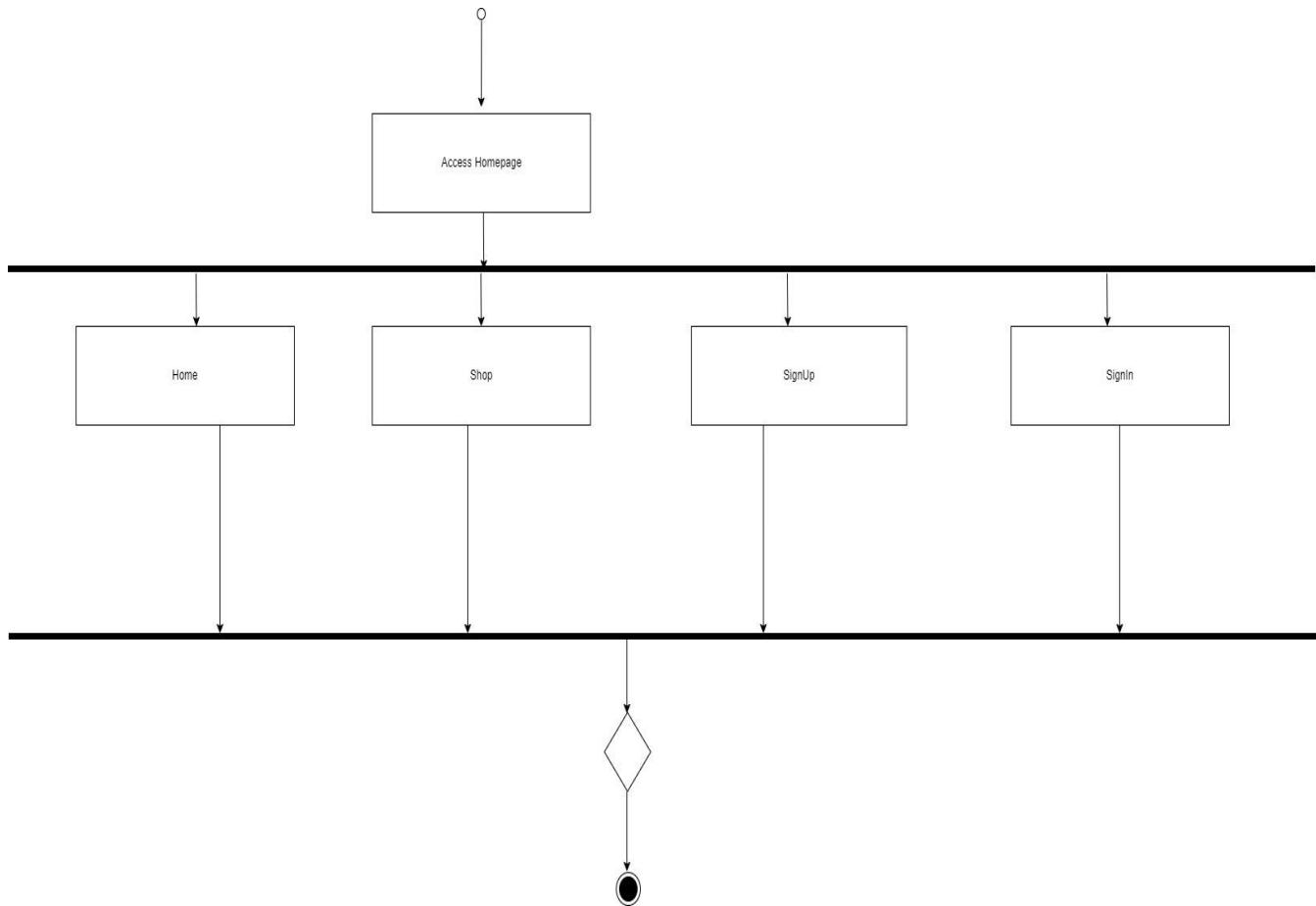


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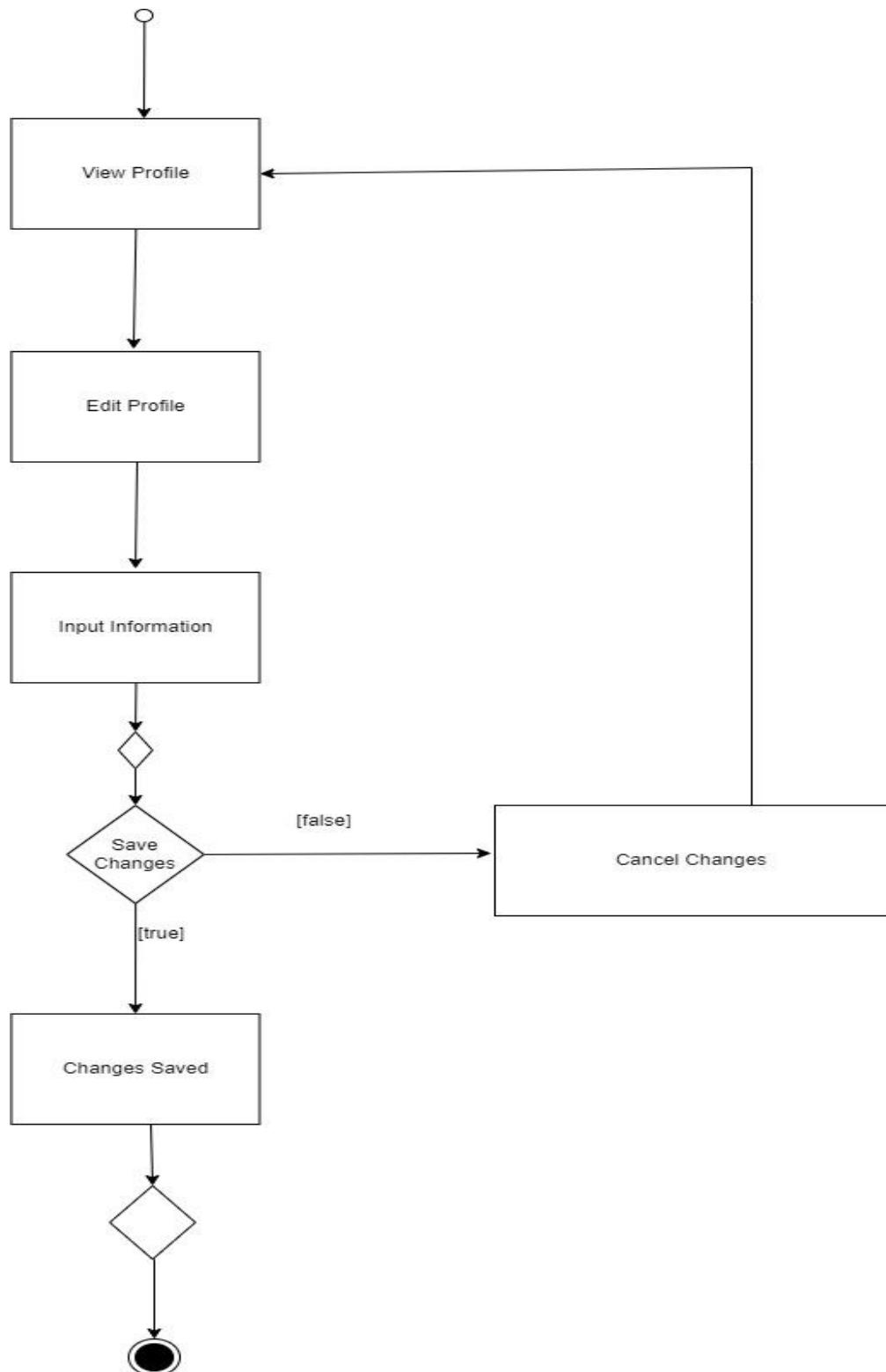
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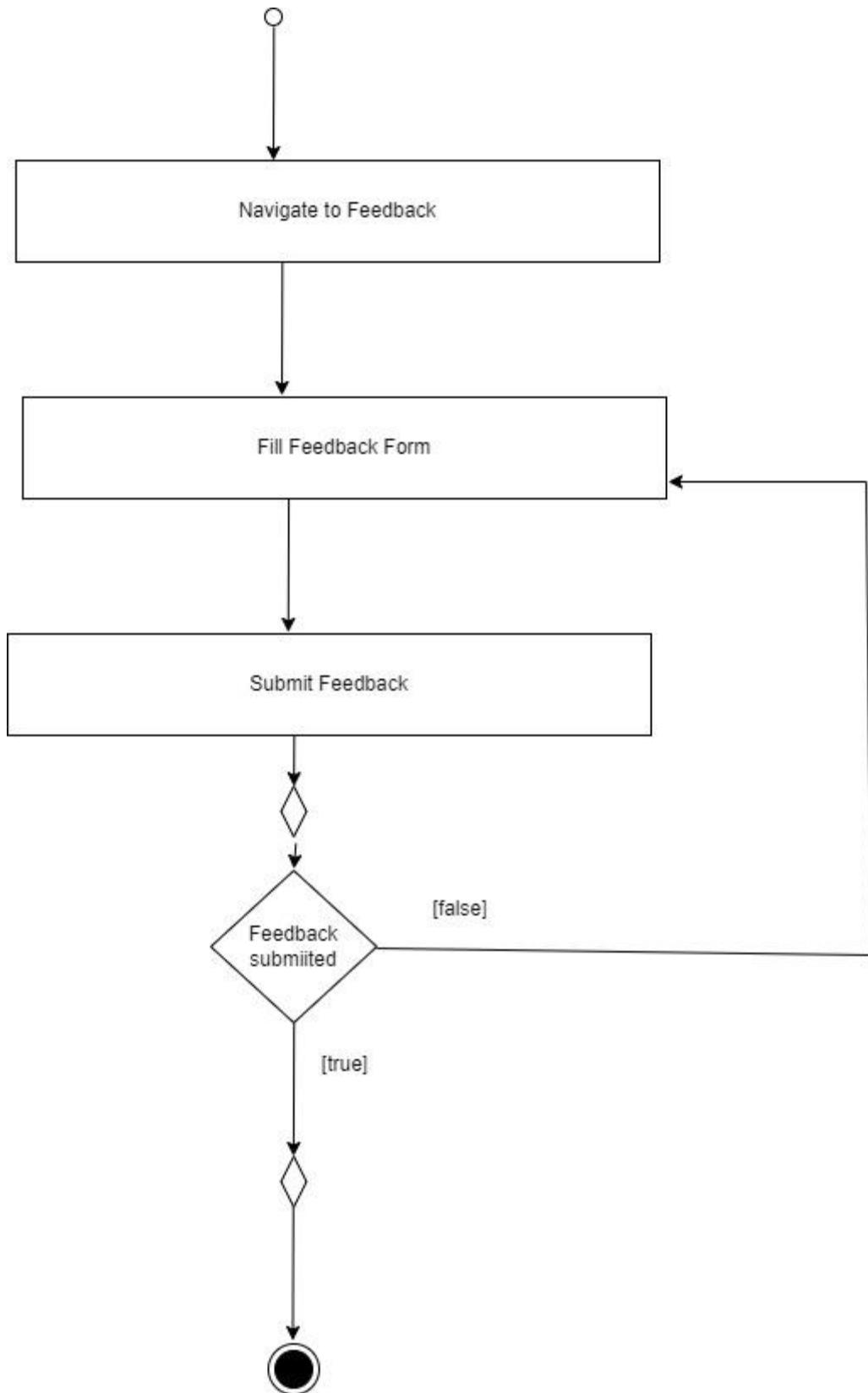
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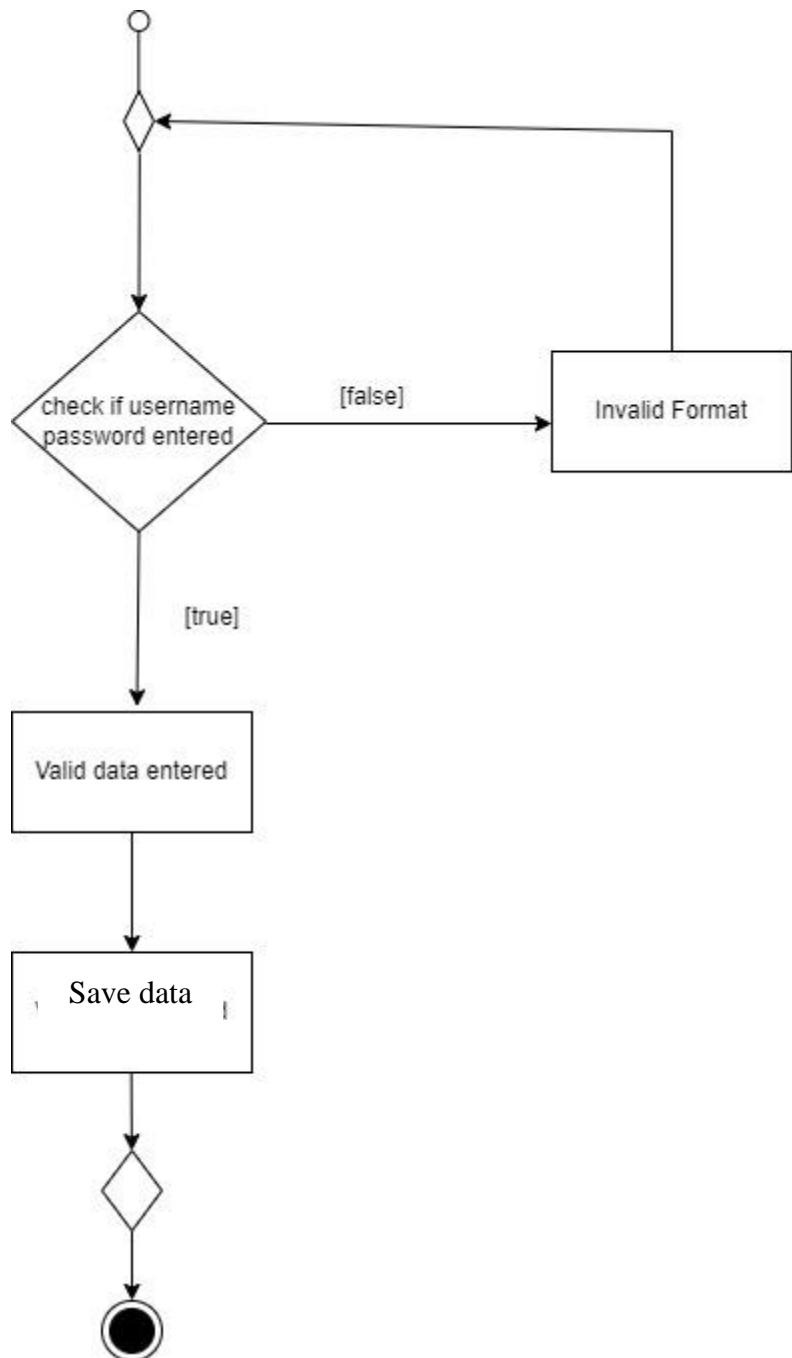
viewhomepage ()



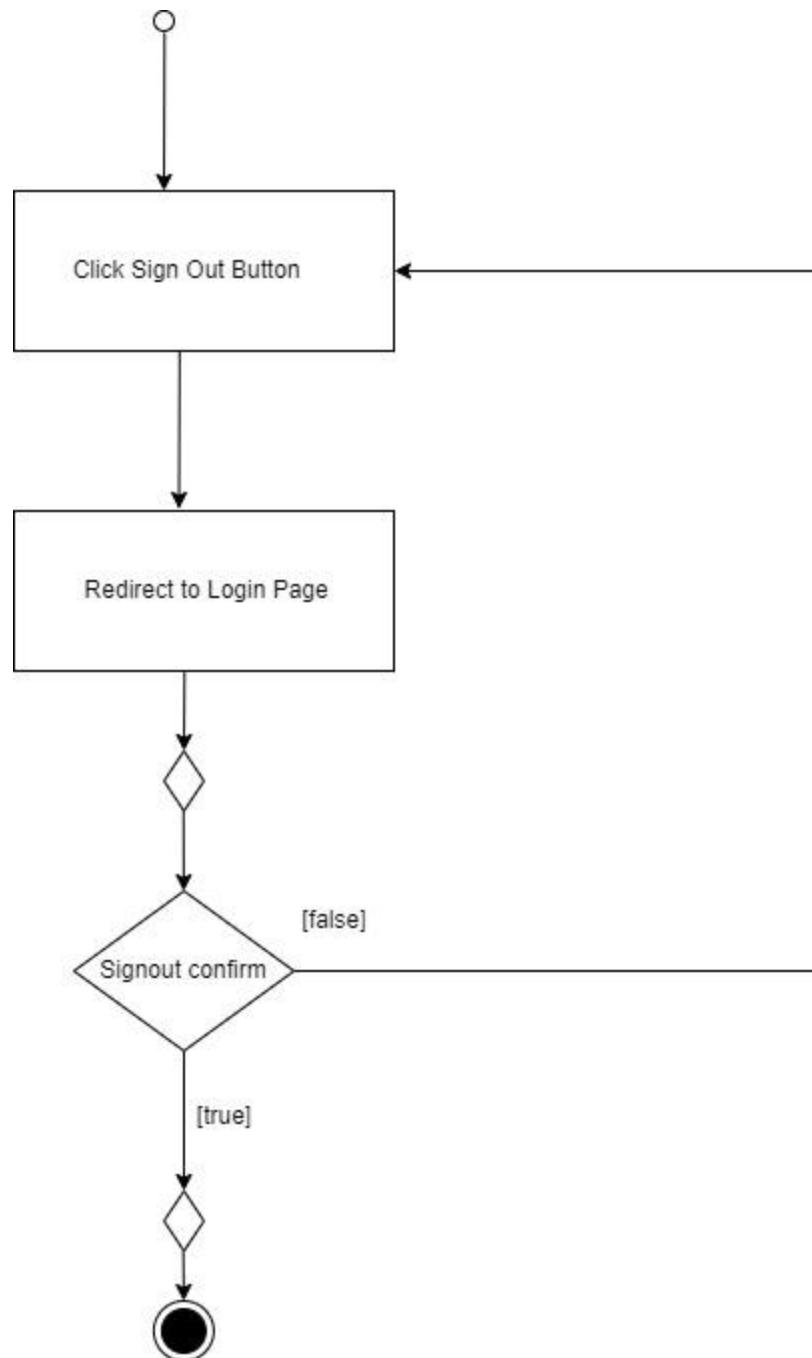
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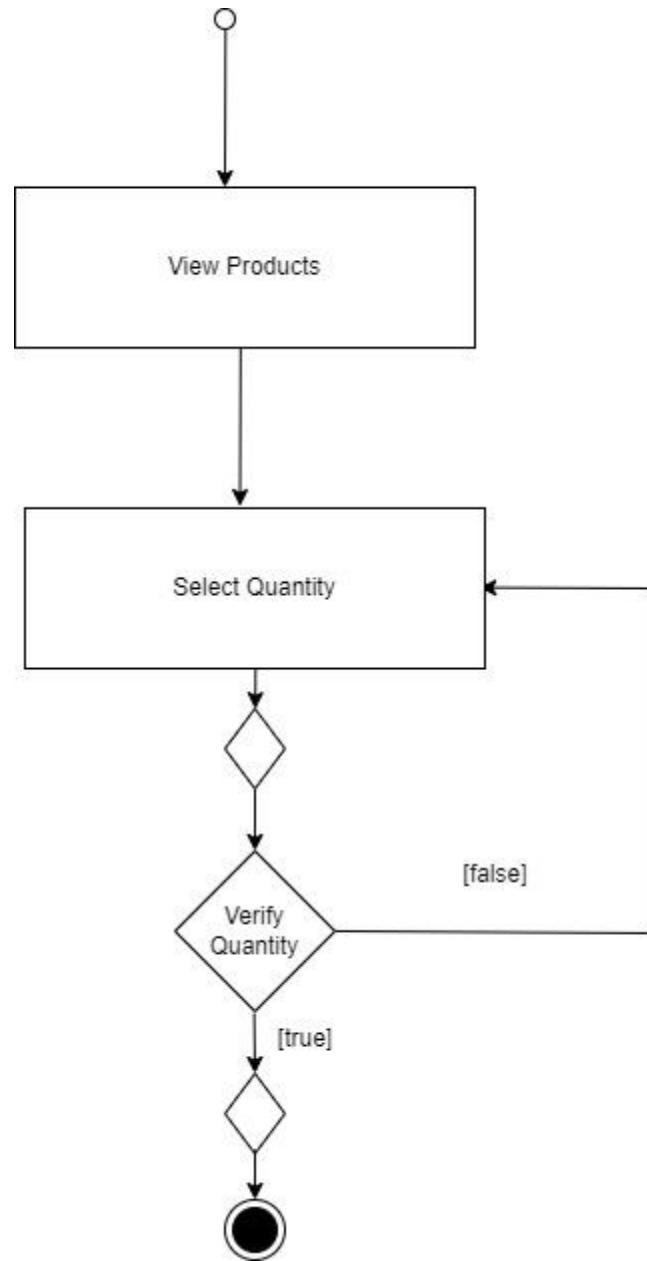
submitfeedback ()



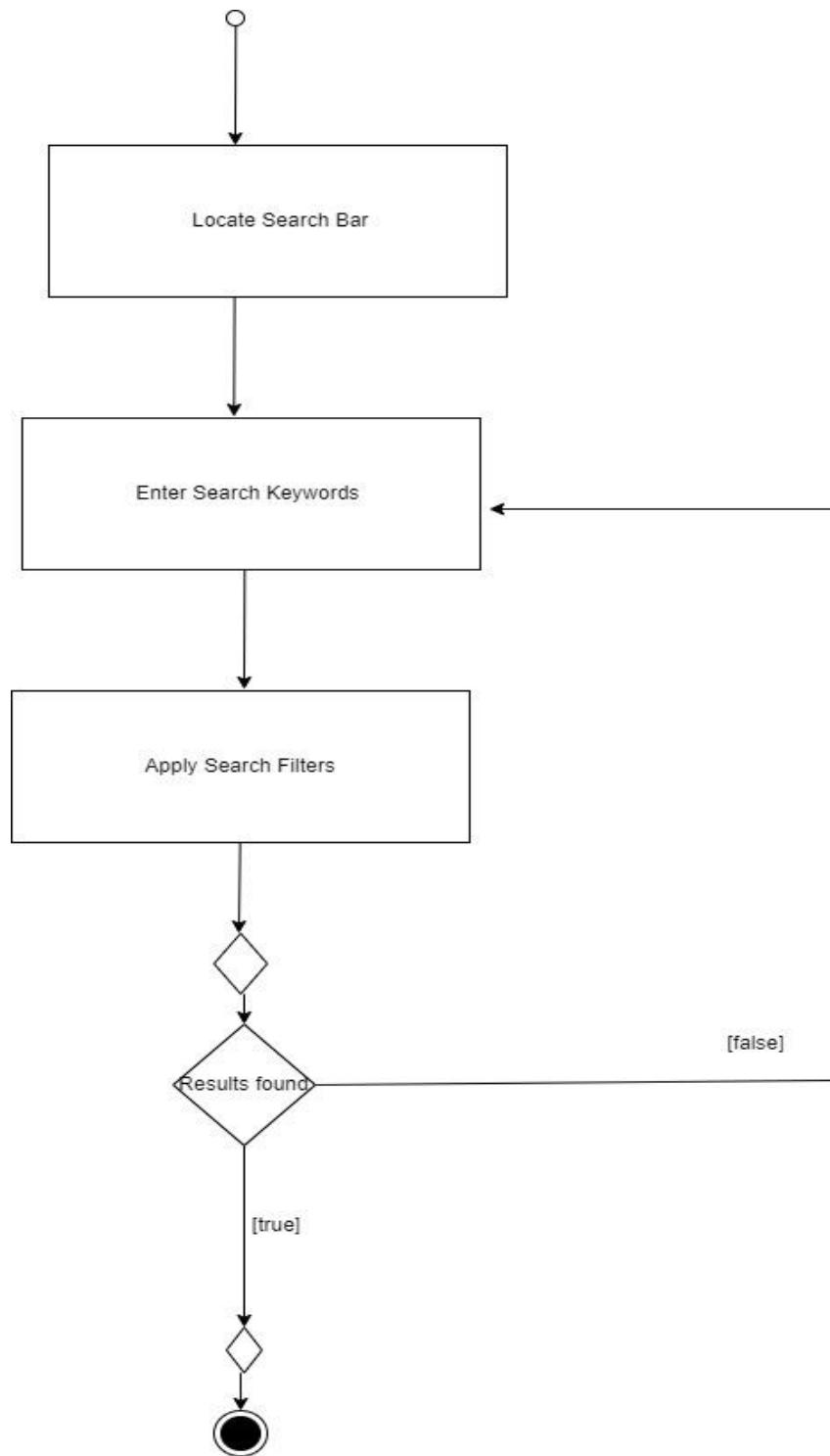
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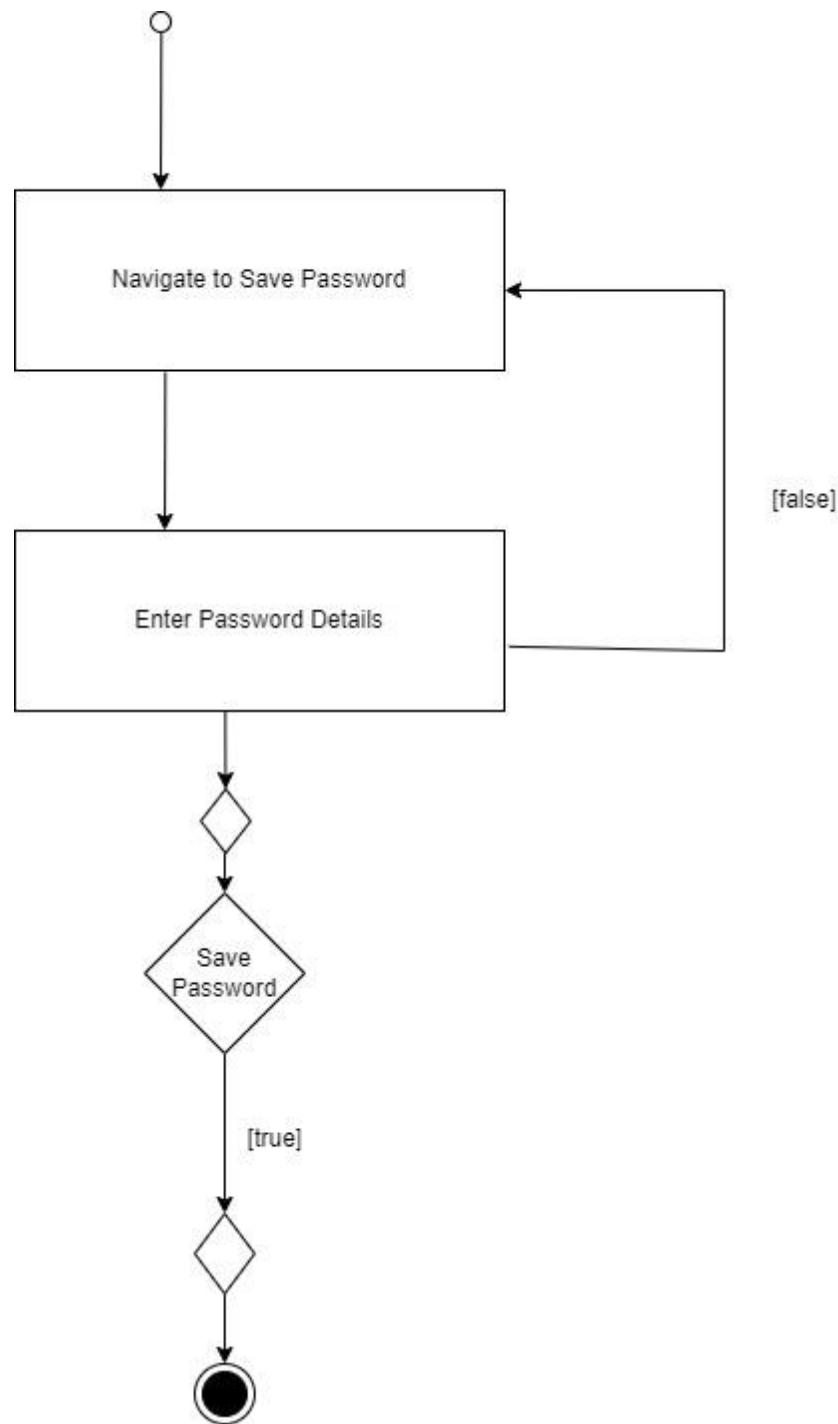
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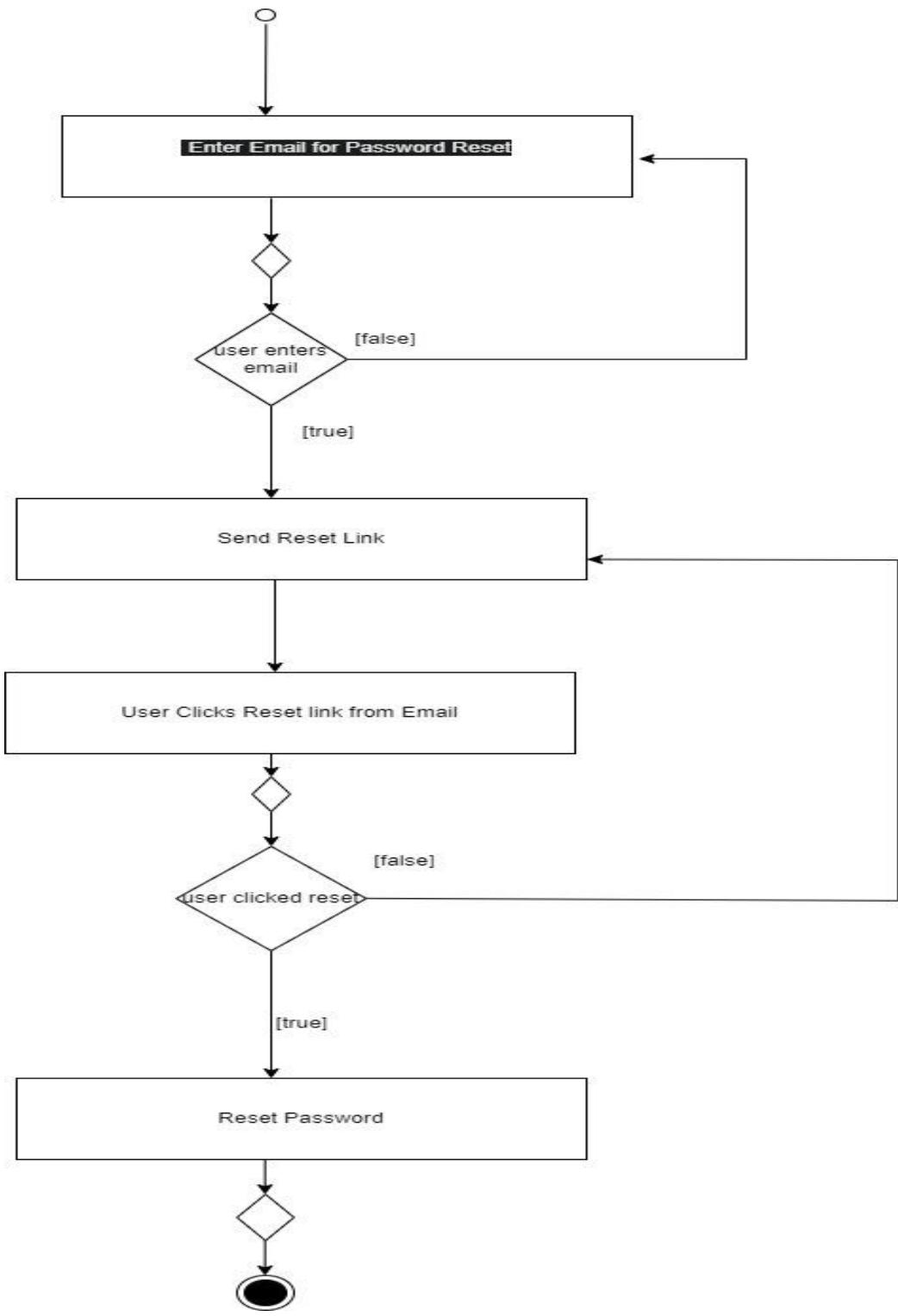
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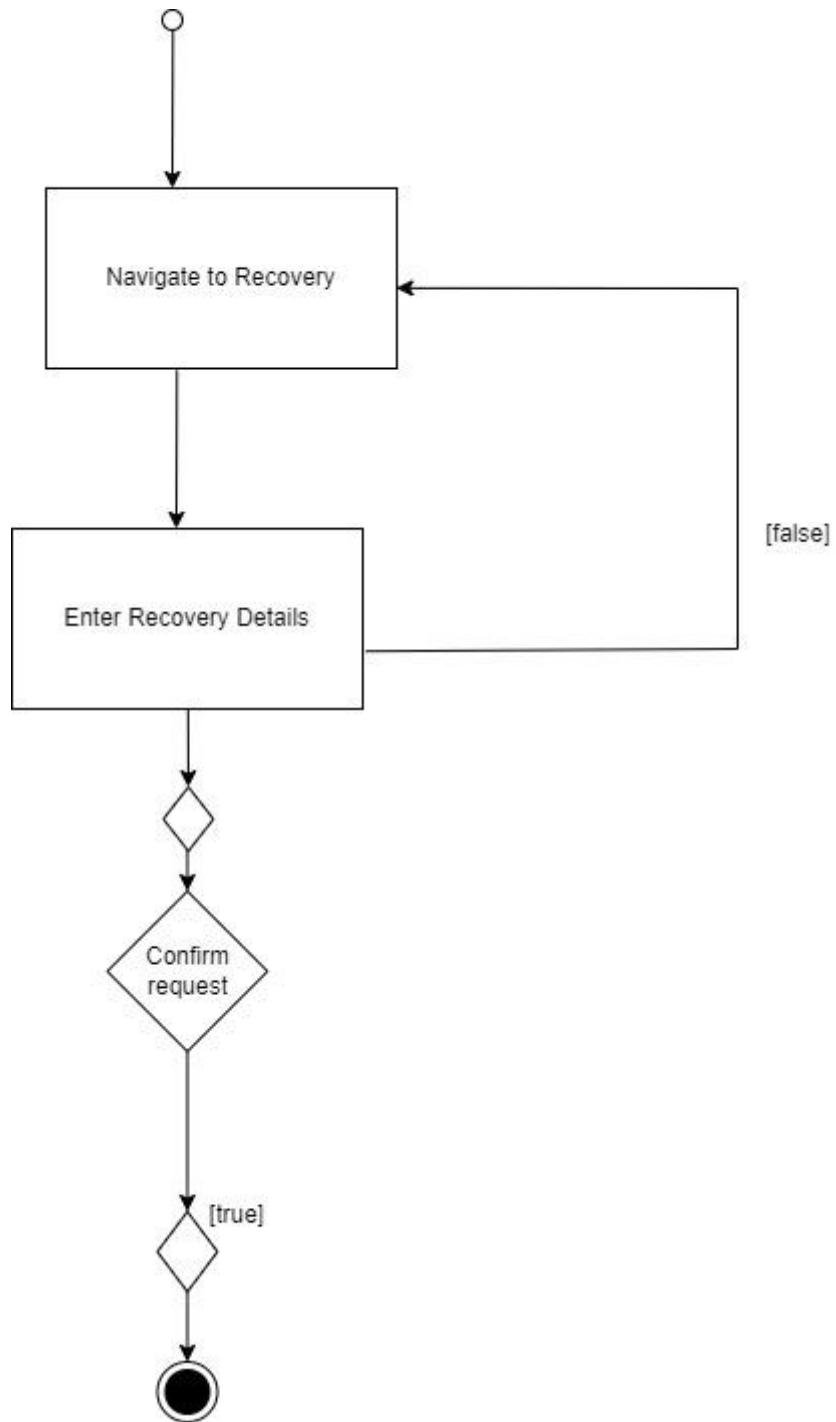
searchbar ()



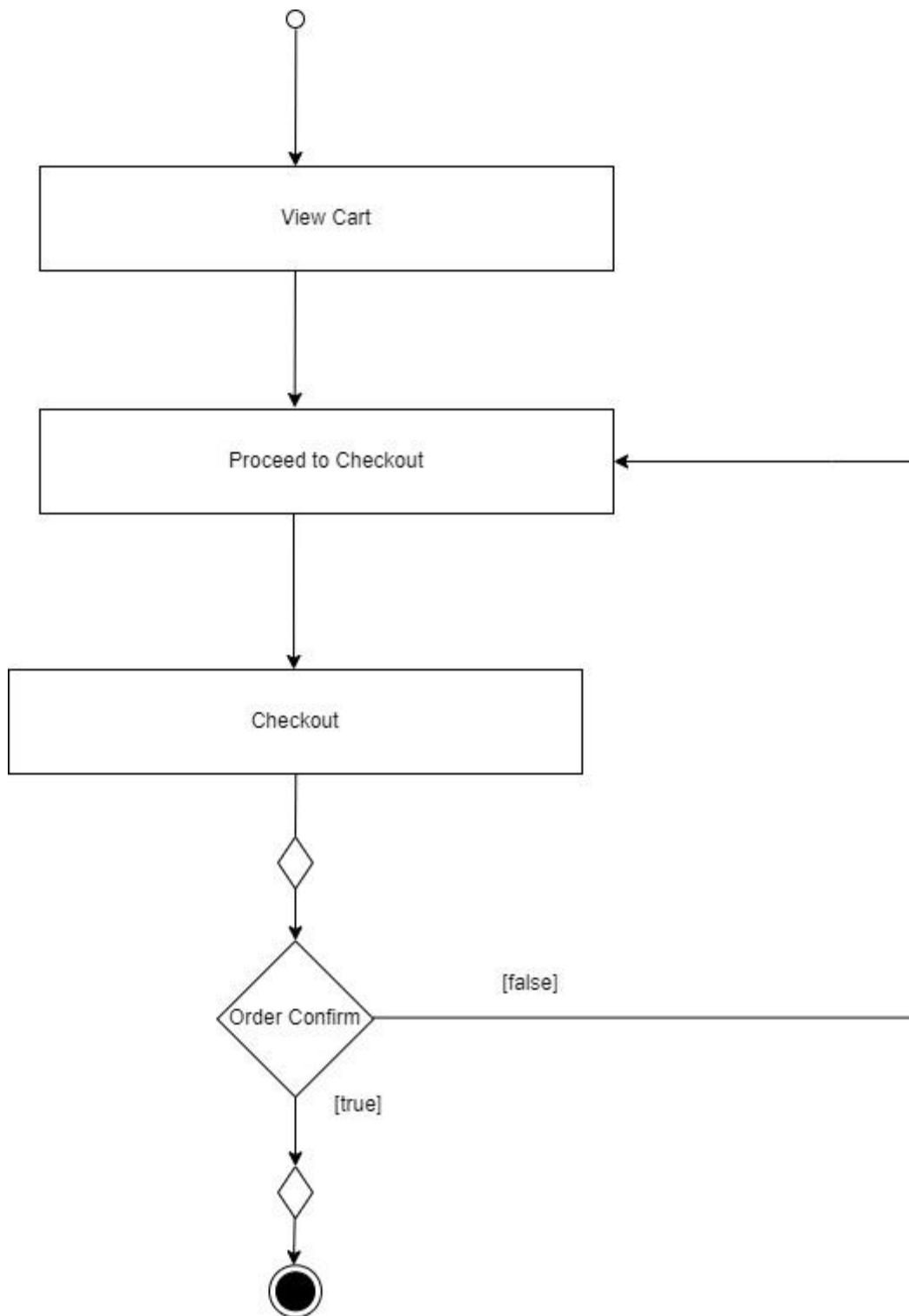
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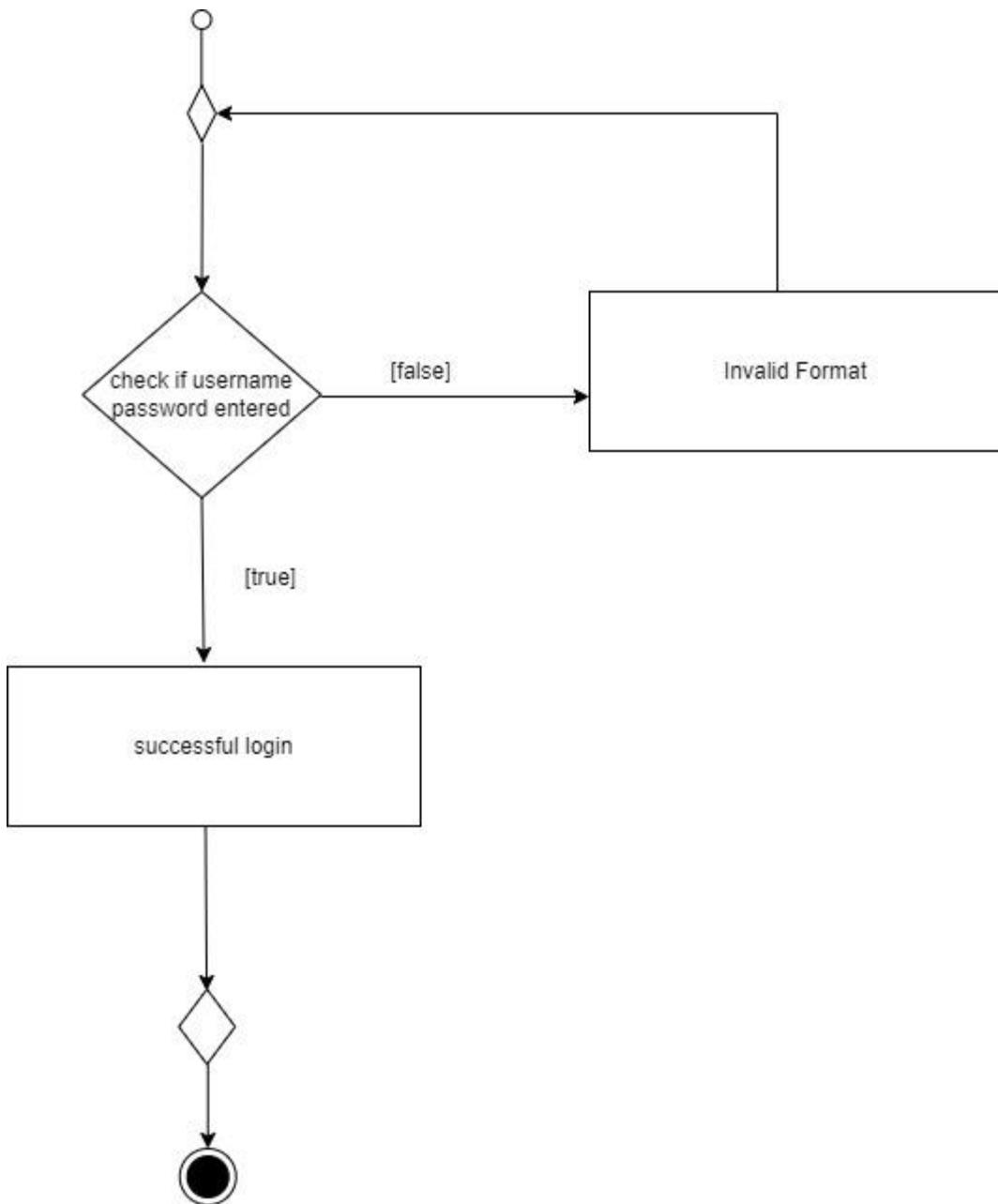
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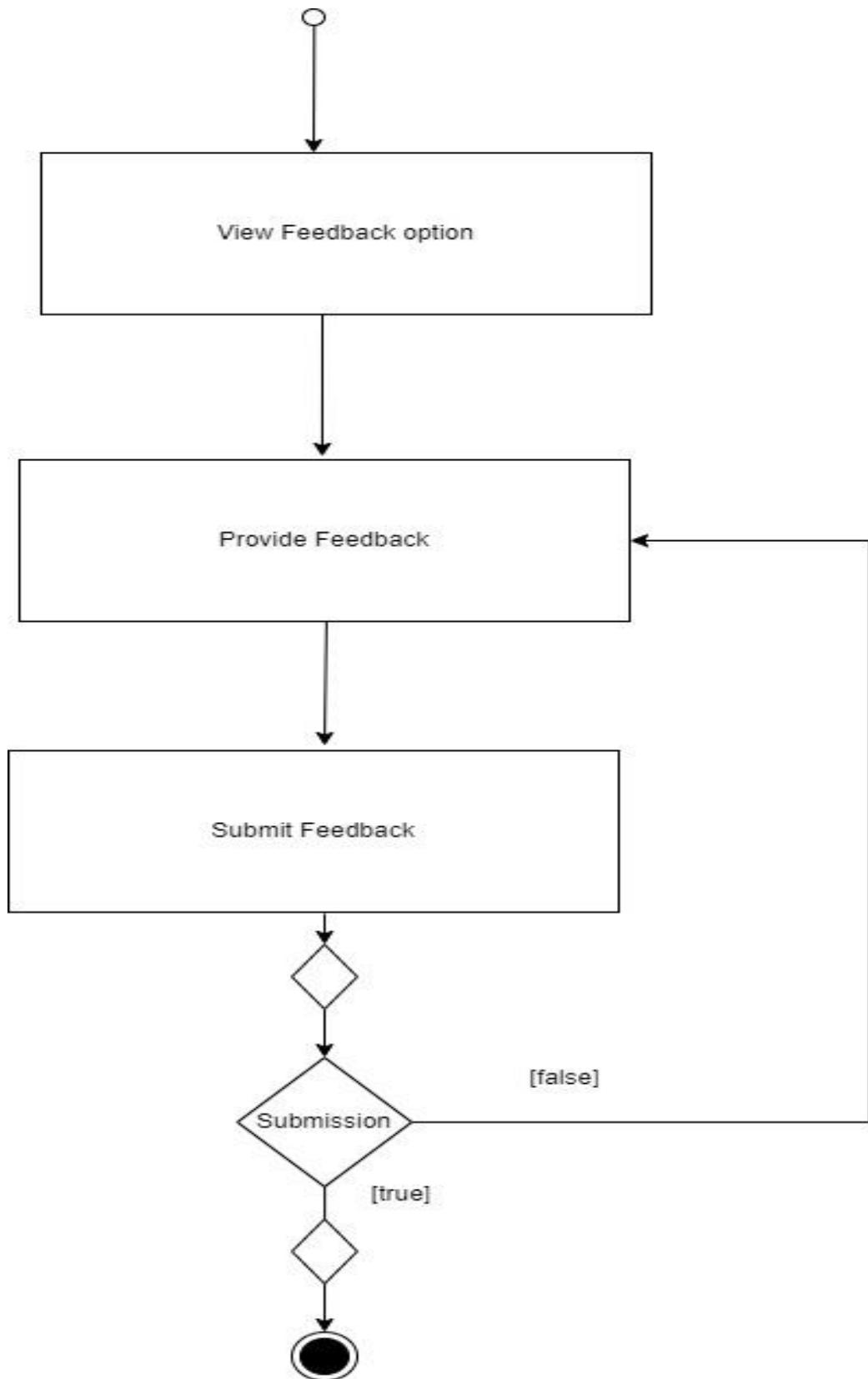
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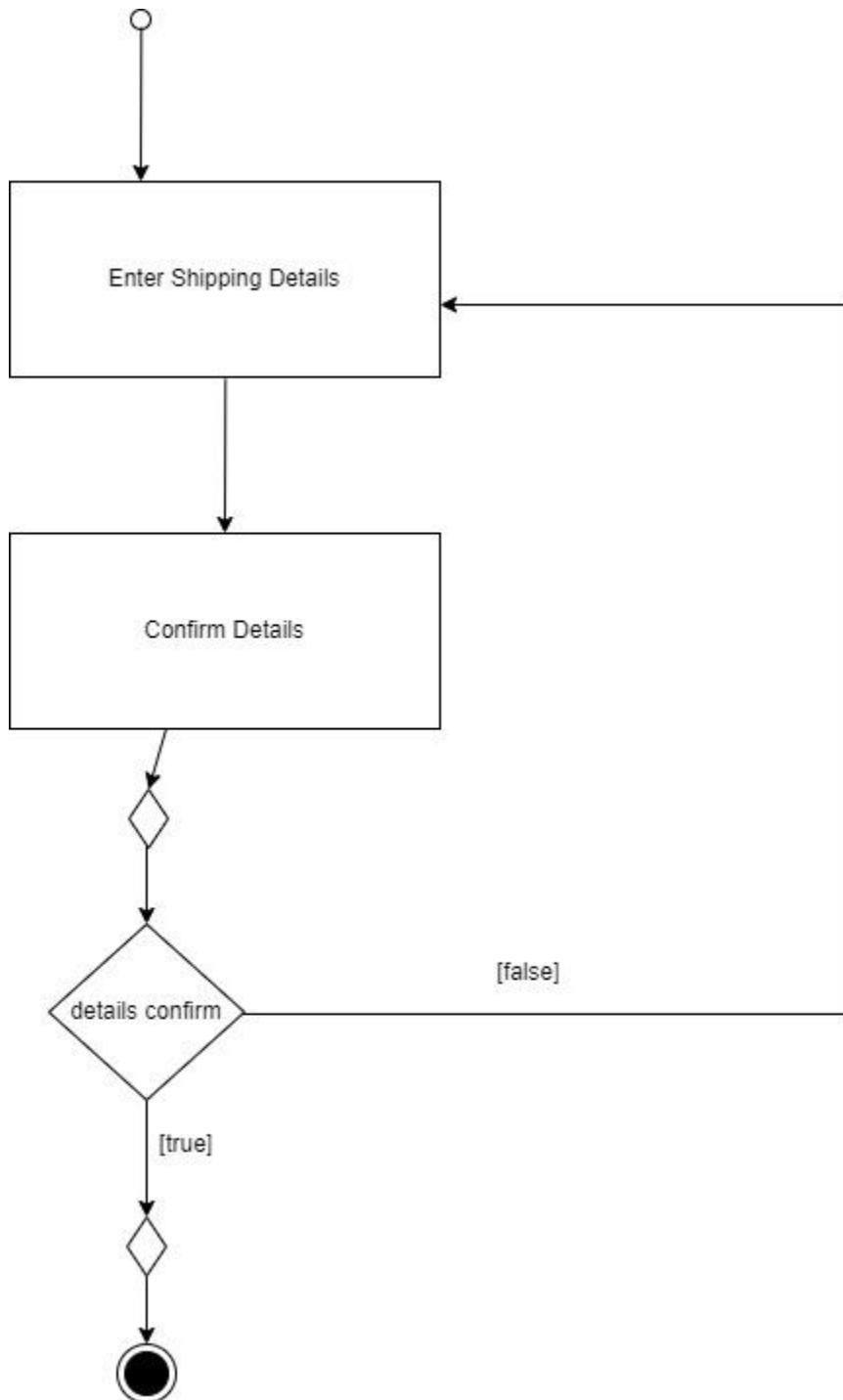
confirmcheckout ()



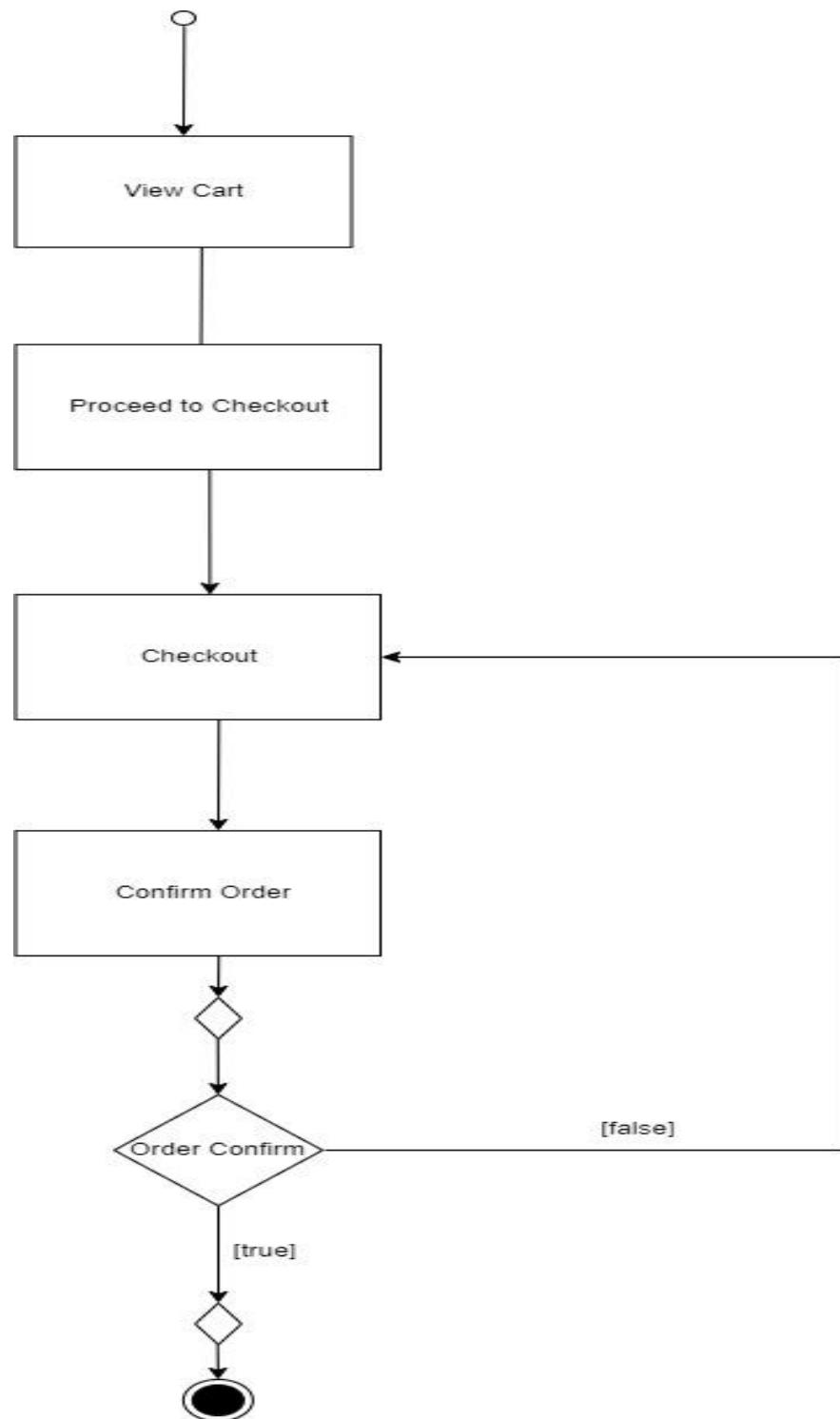
login ()



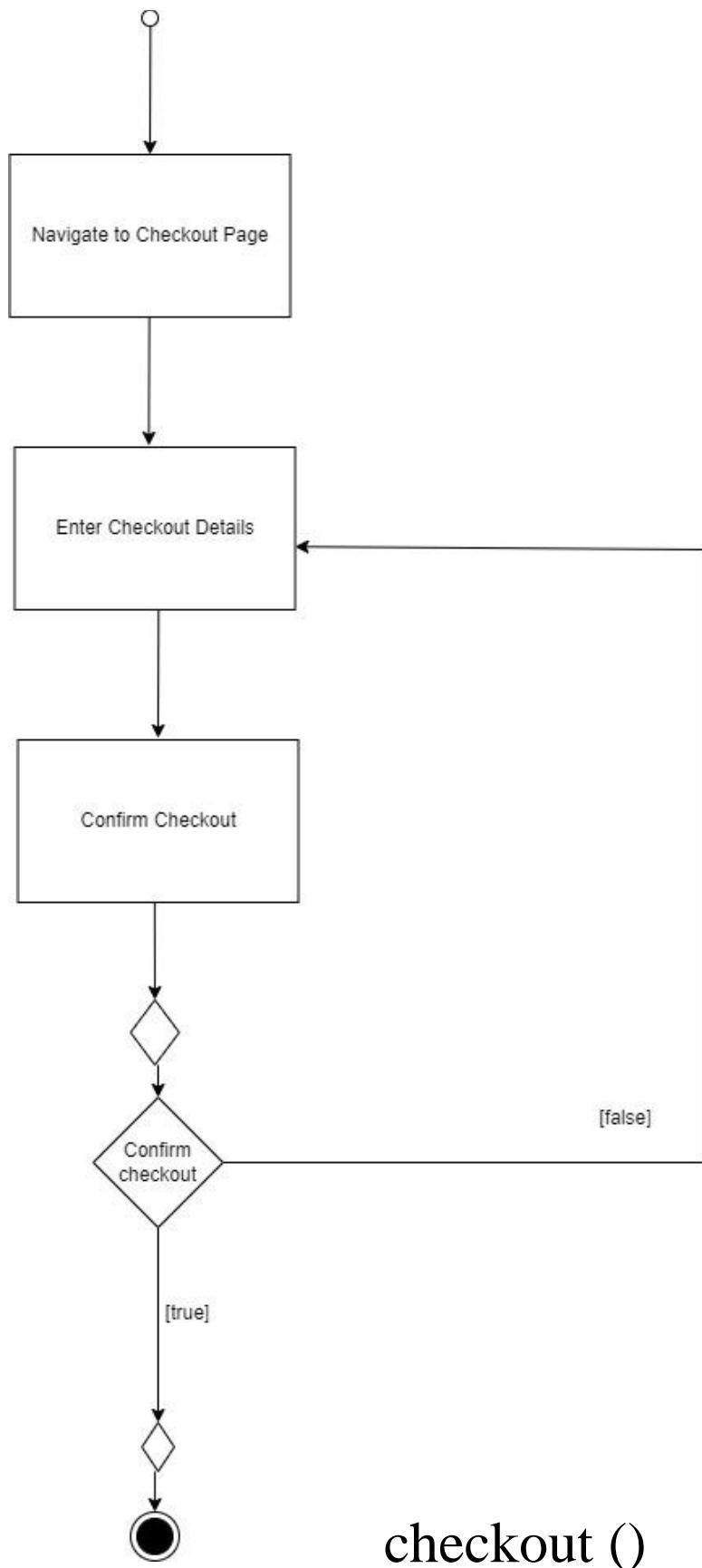
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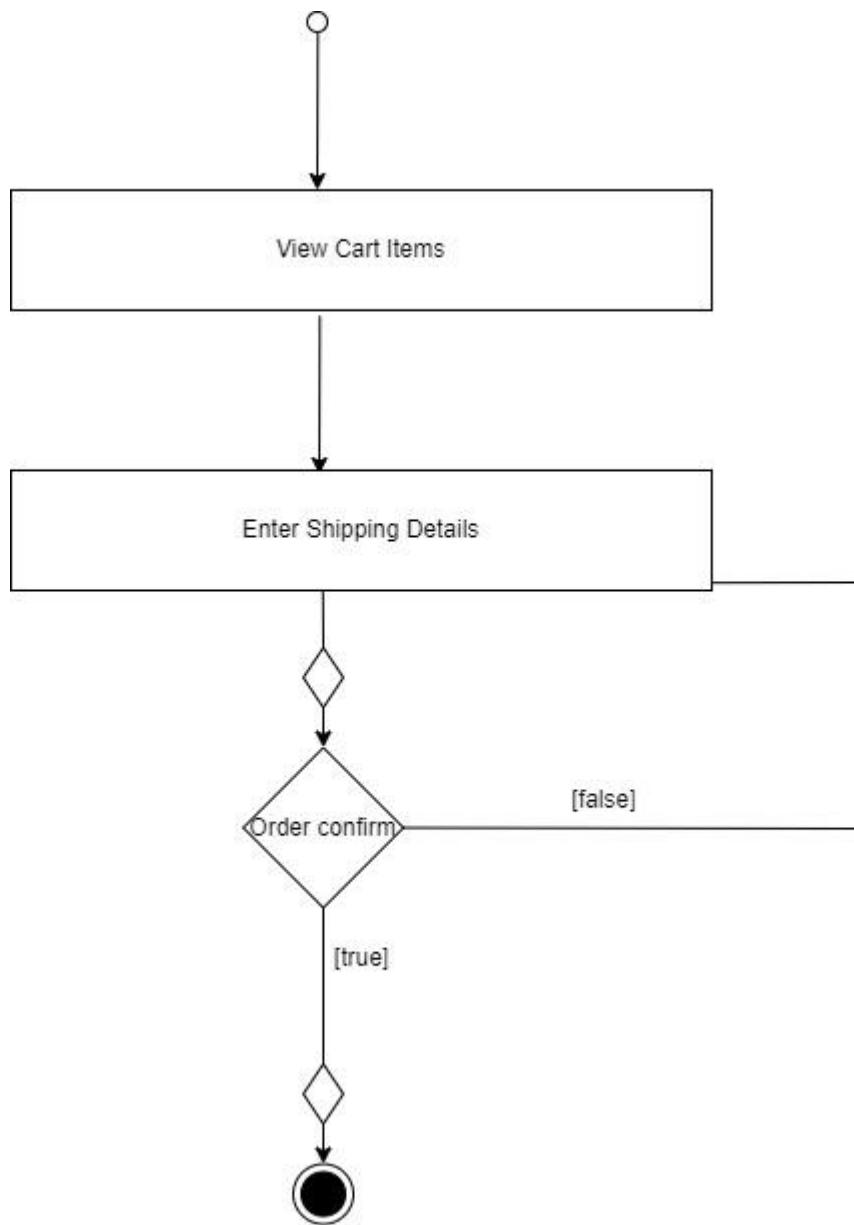


entershippingdetails ()



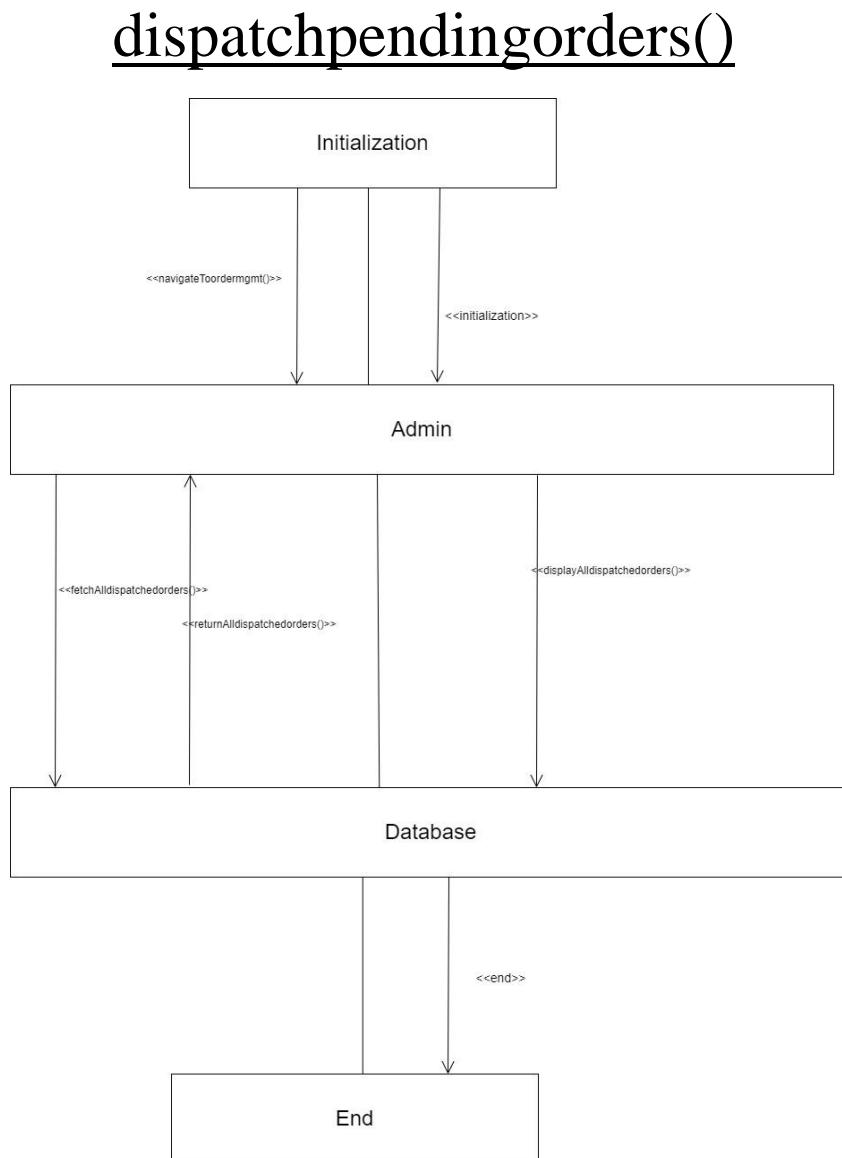
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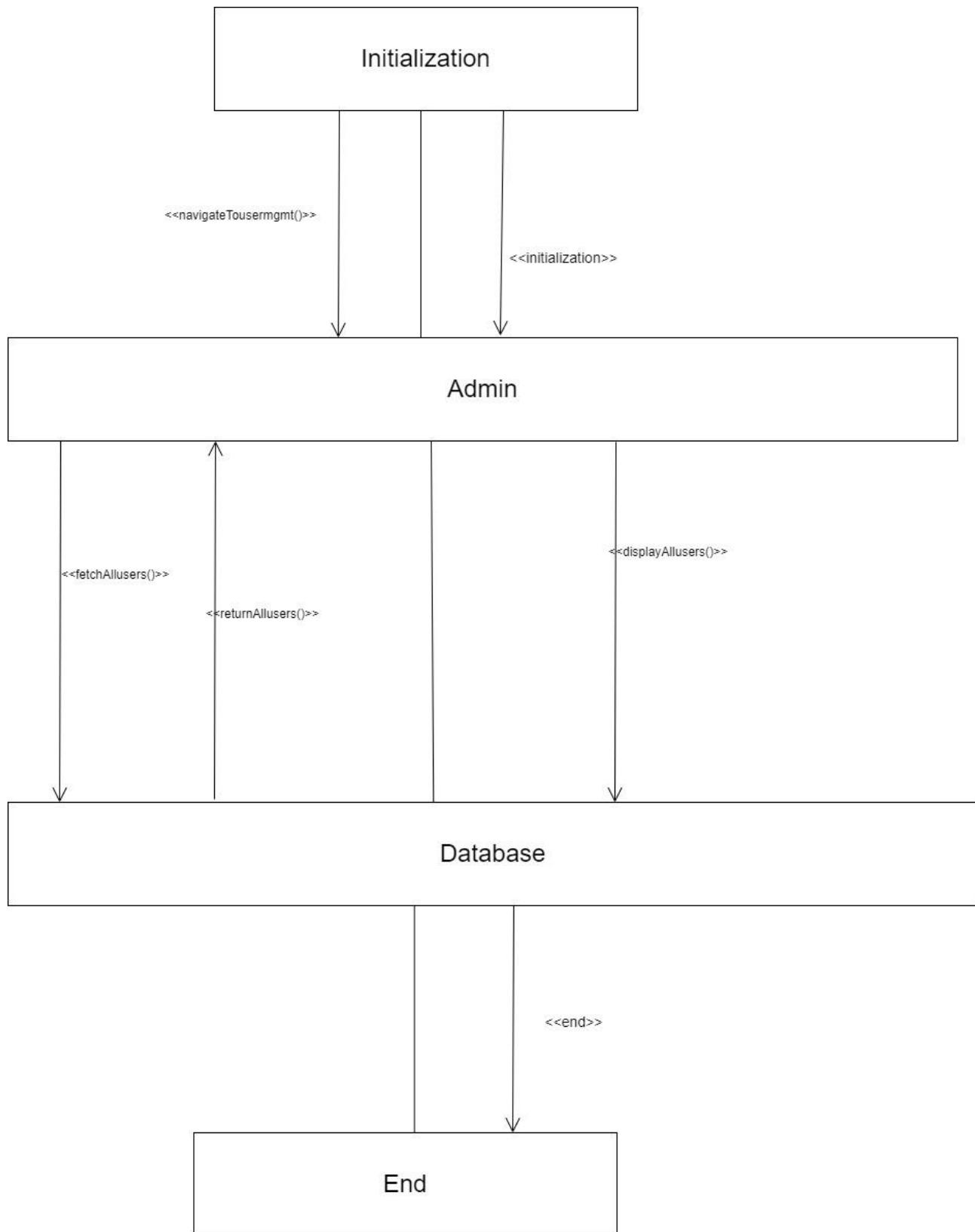
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# Dynamic Collaboration Diagram Admin Side

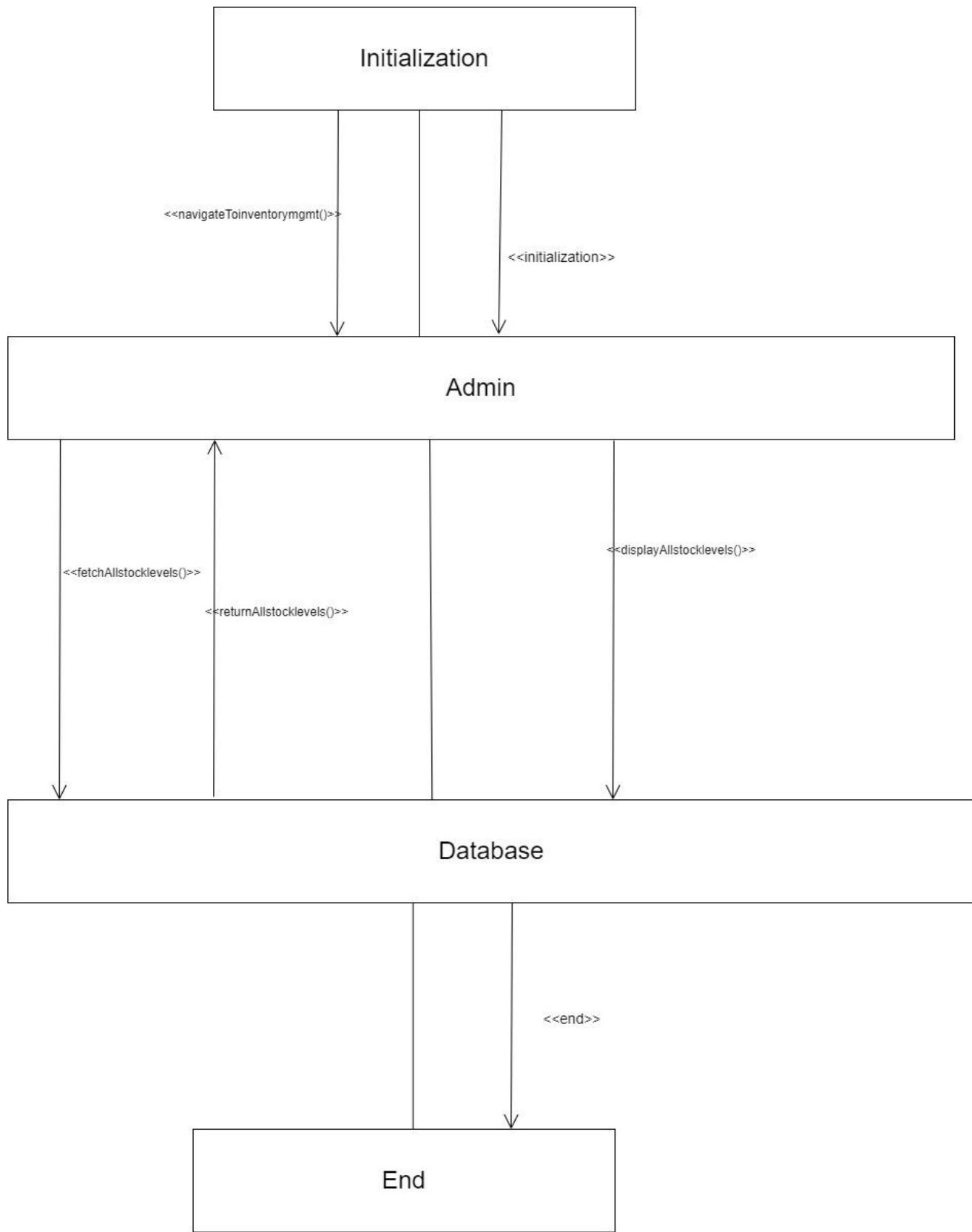


Viewallproducts ()

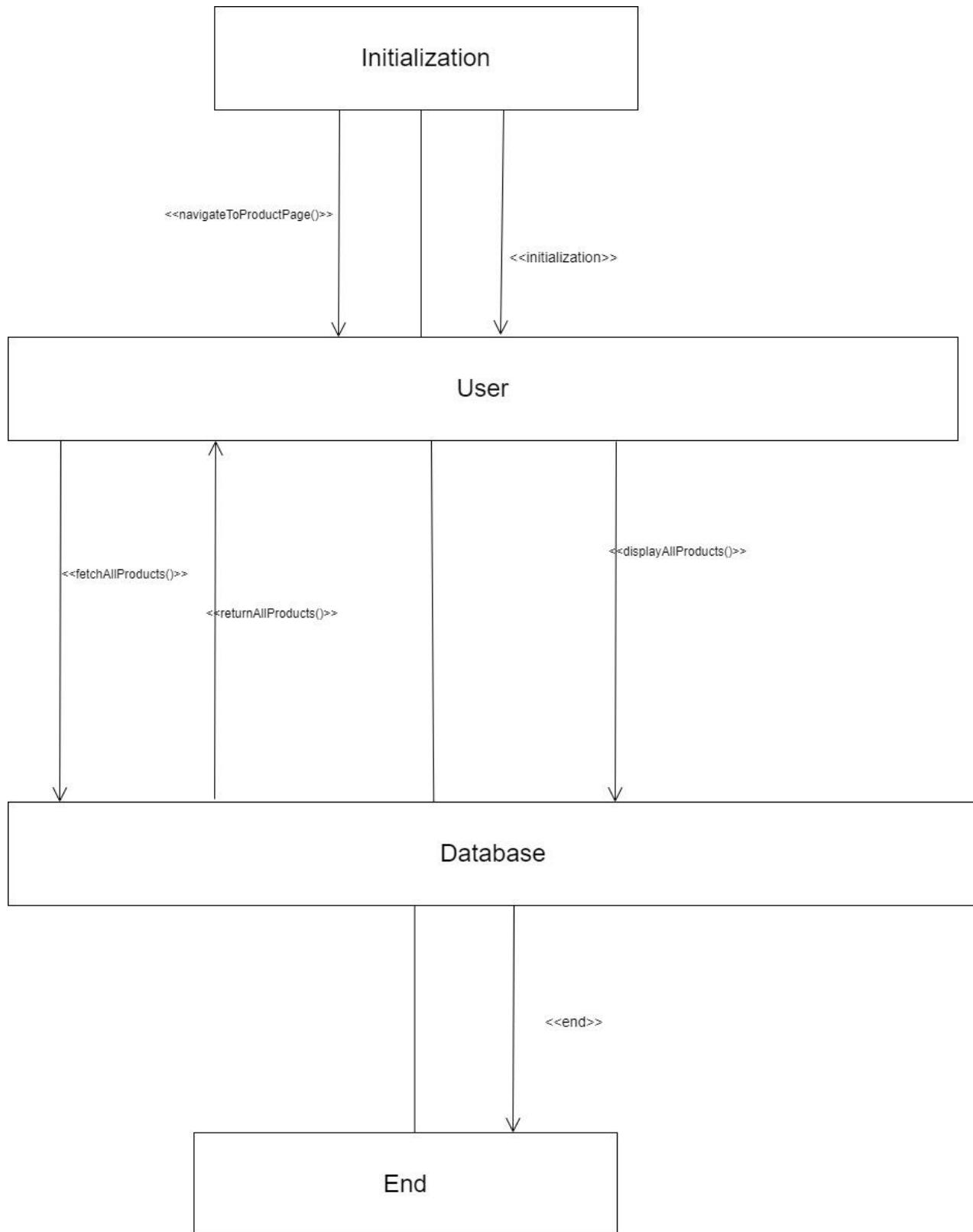
# Viewallusers()



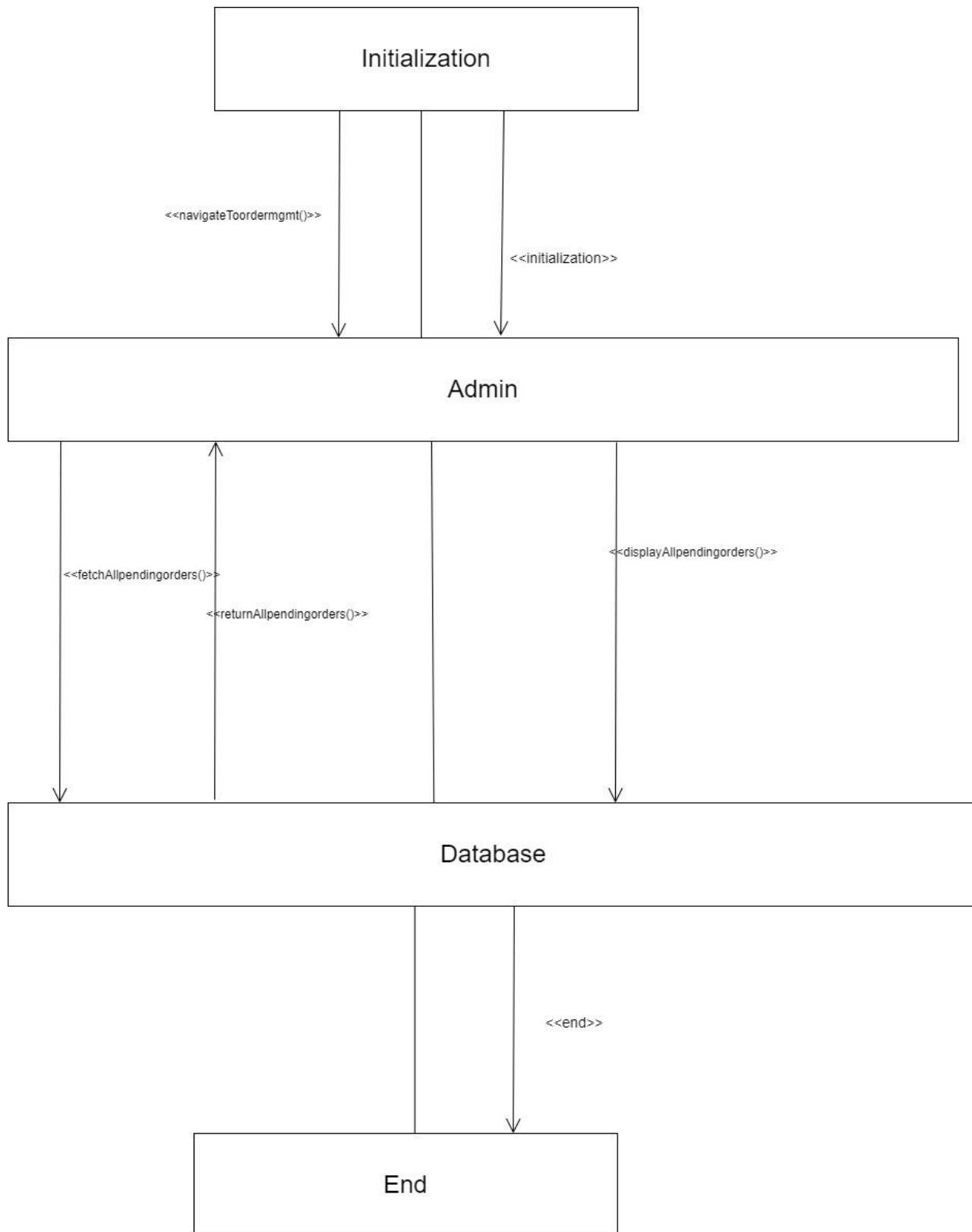
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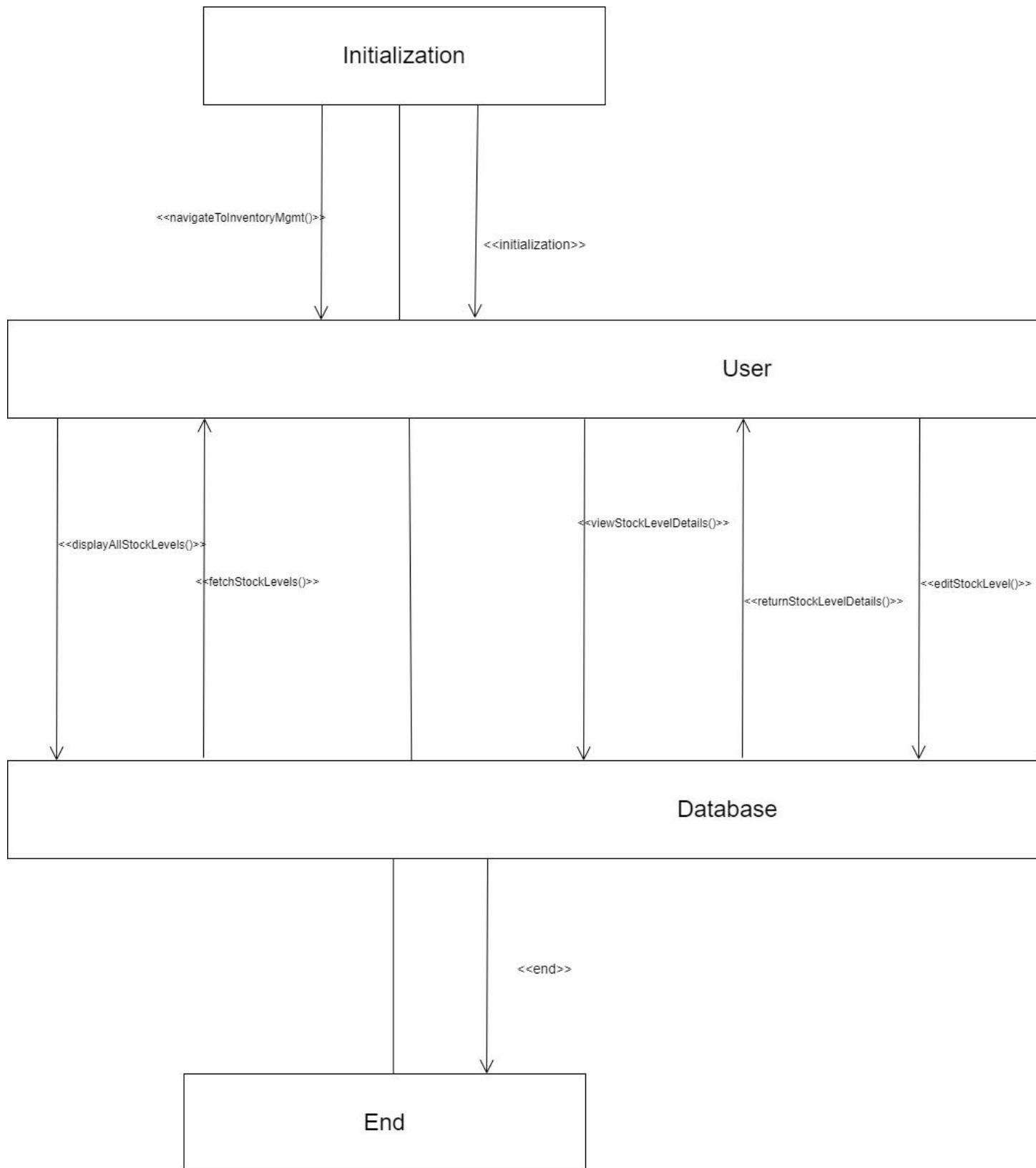
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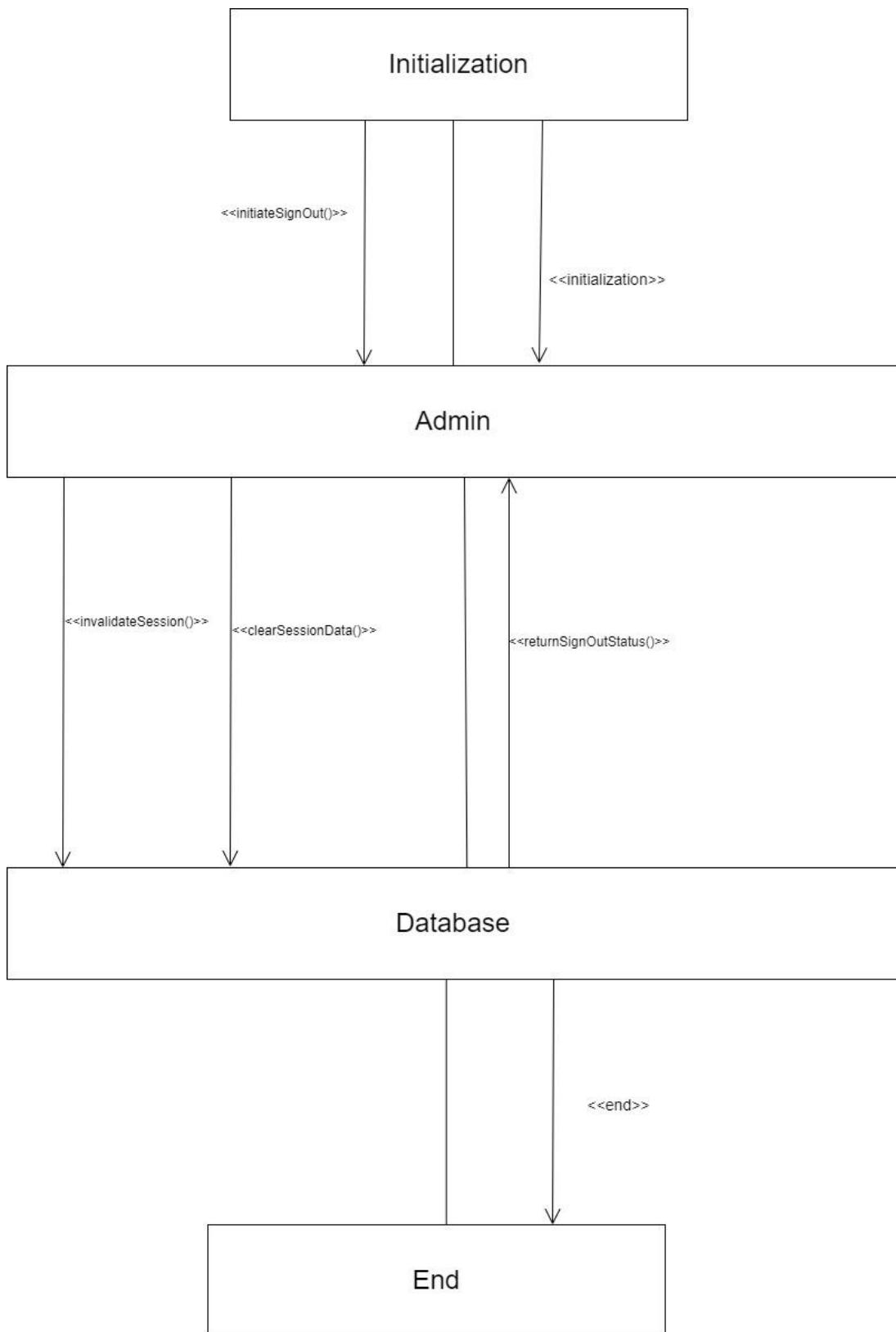
## Viewallpendingorders ()



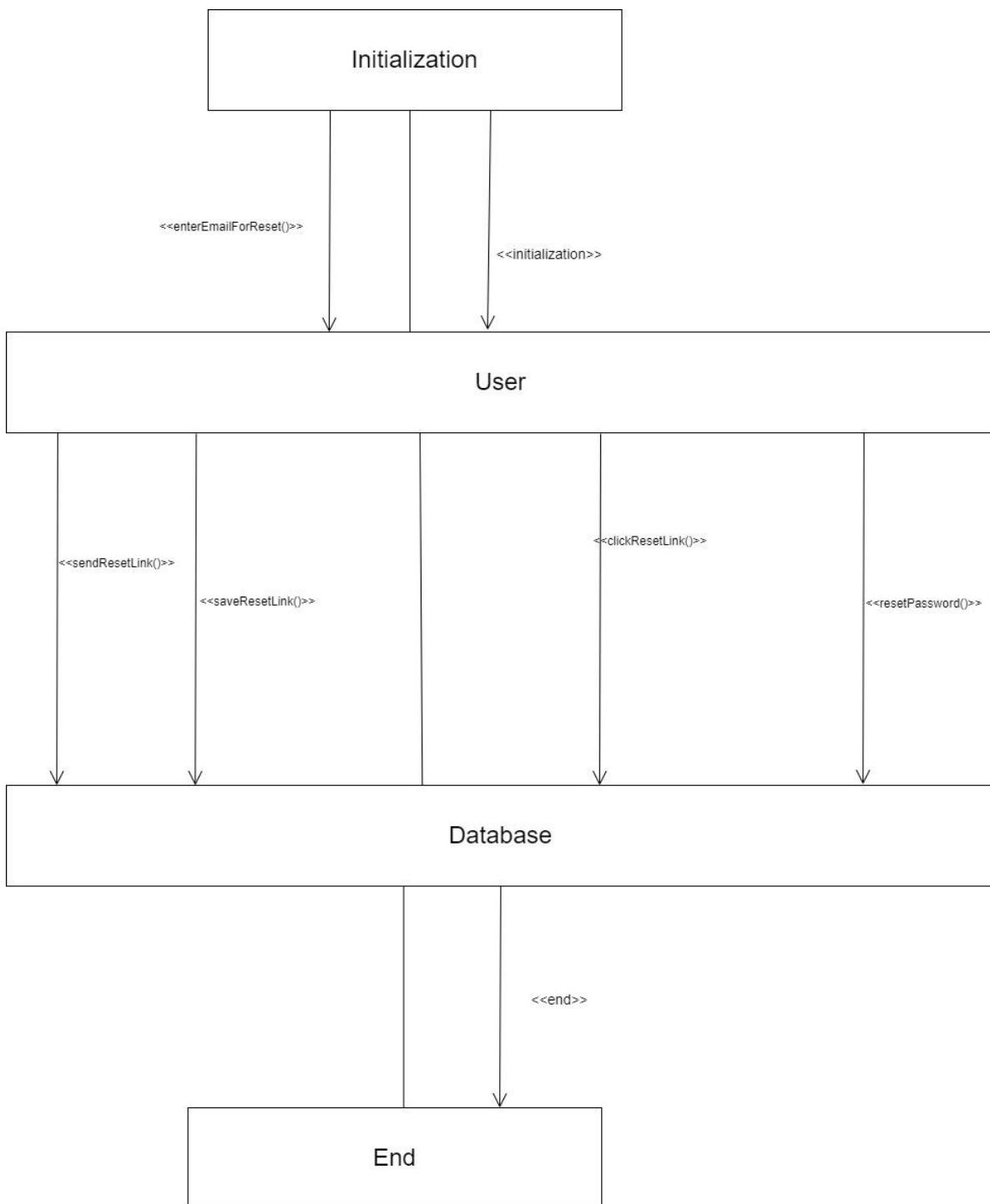
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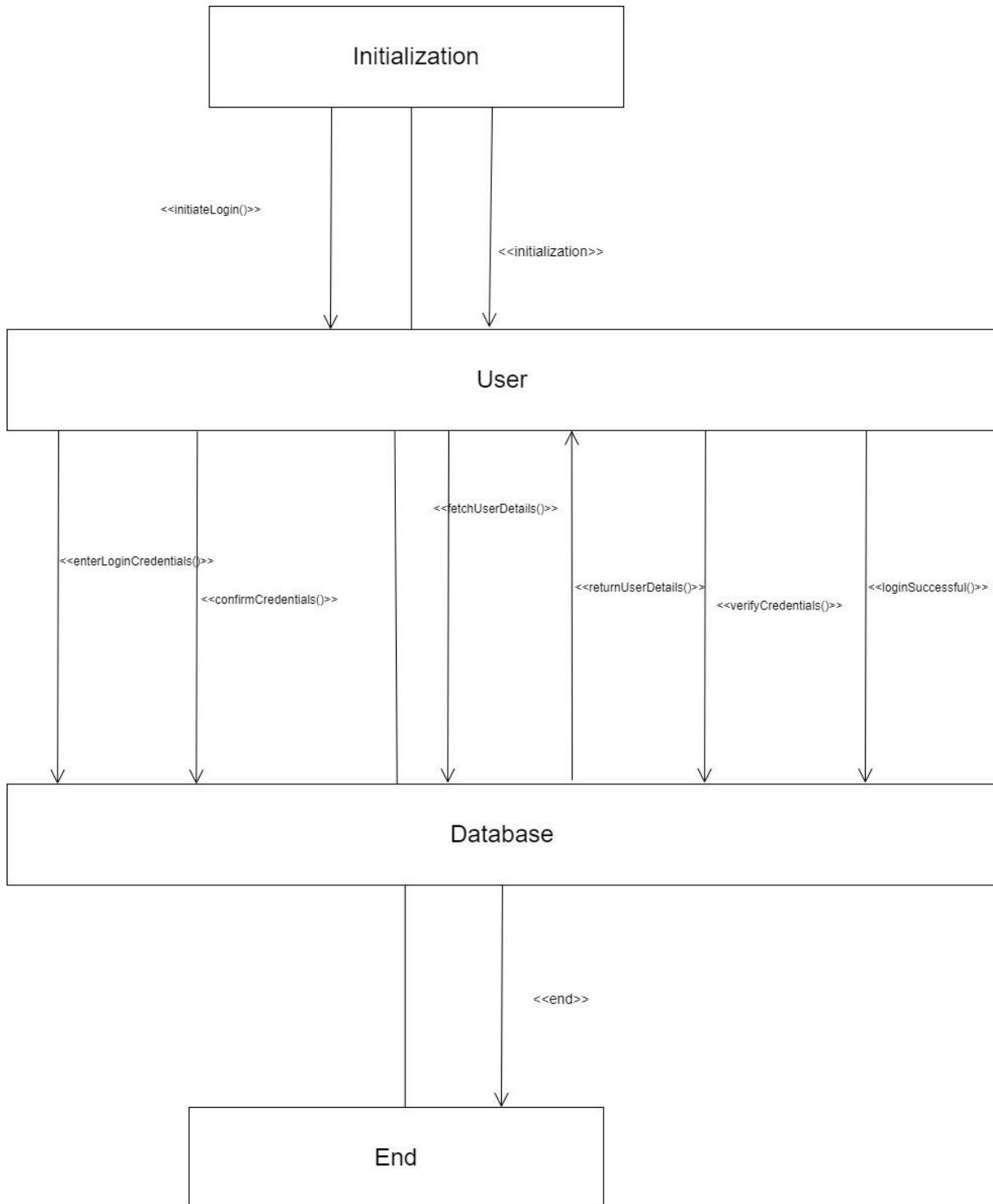
## signout()



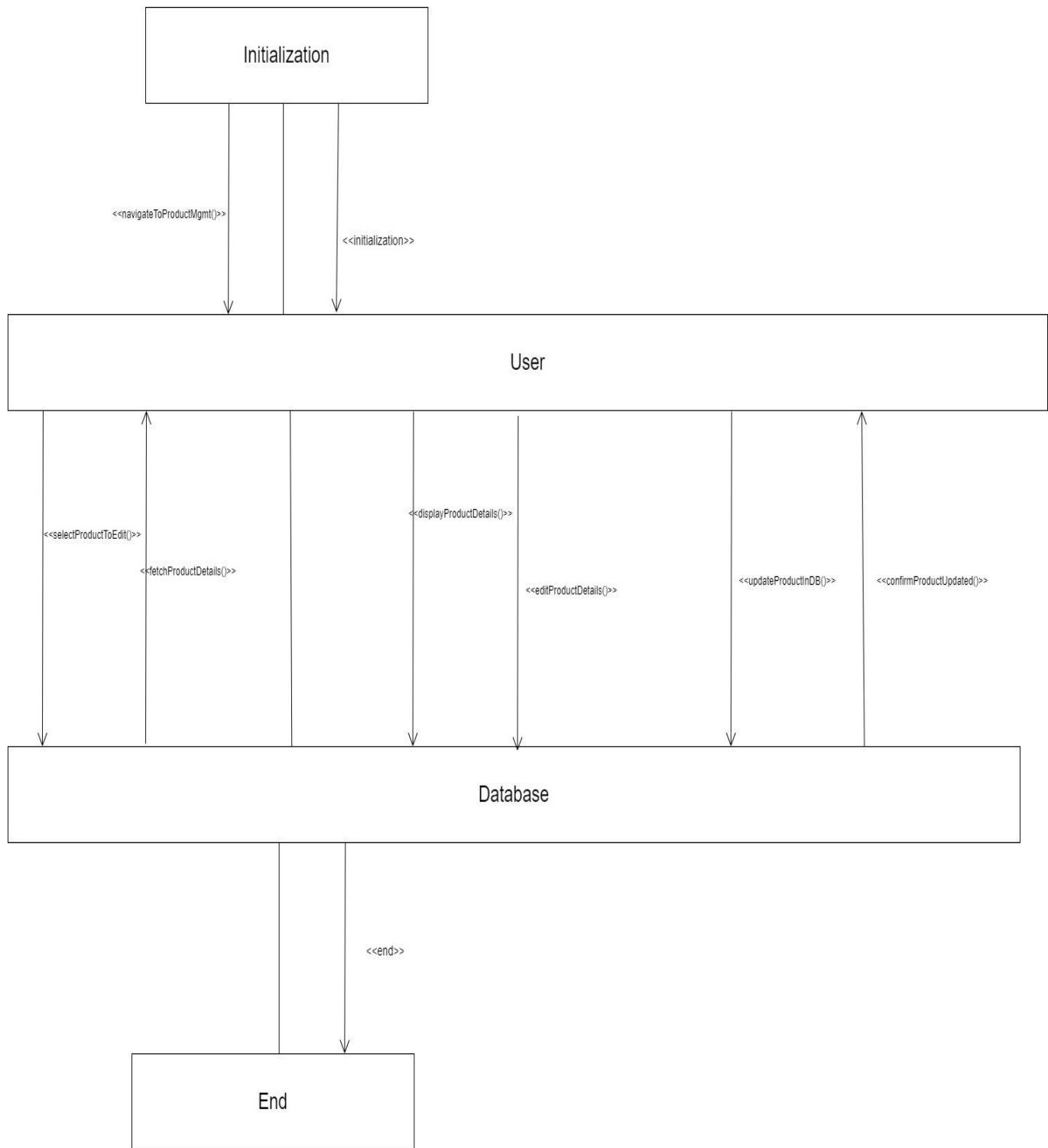
## resetpassword ()



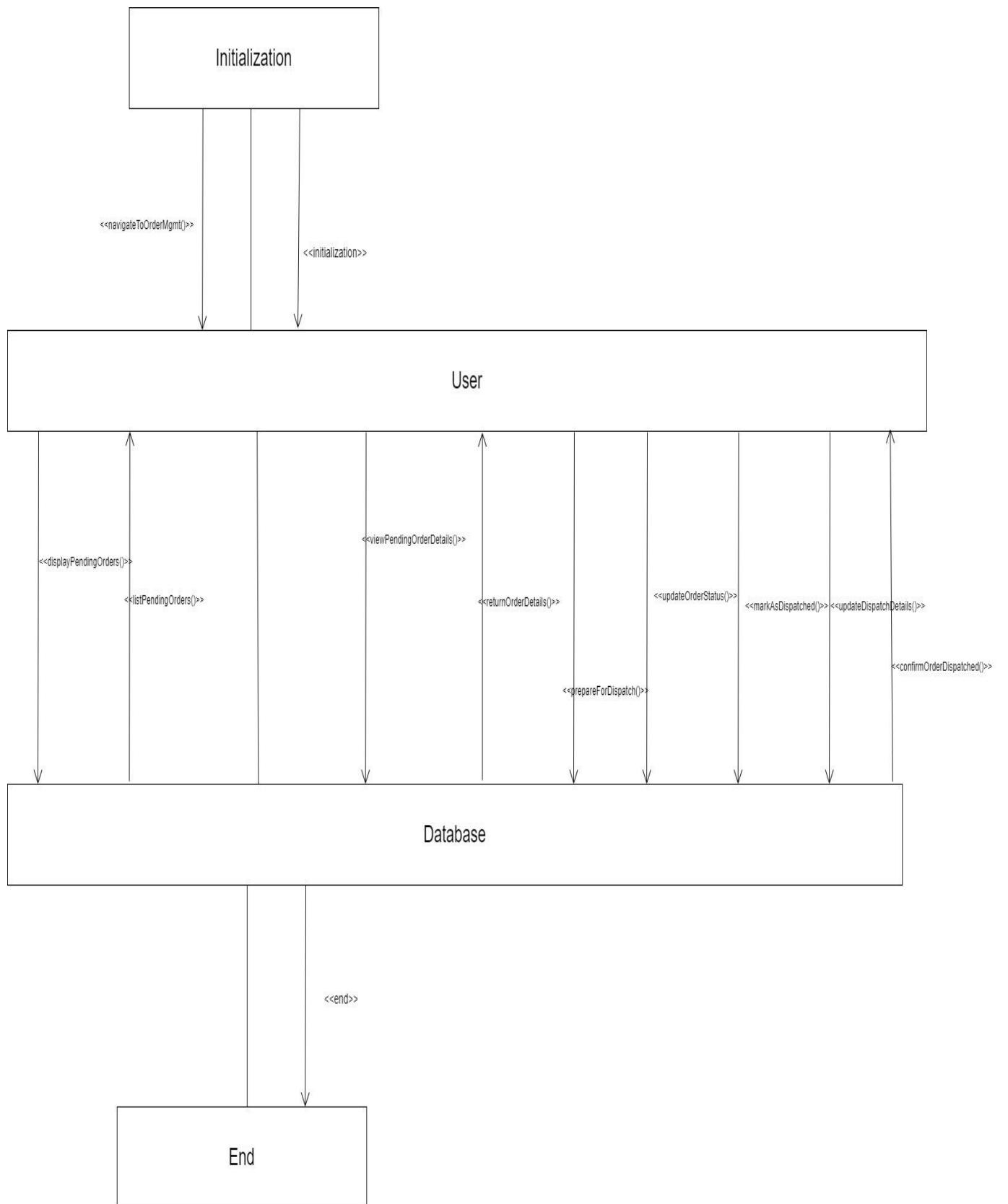
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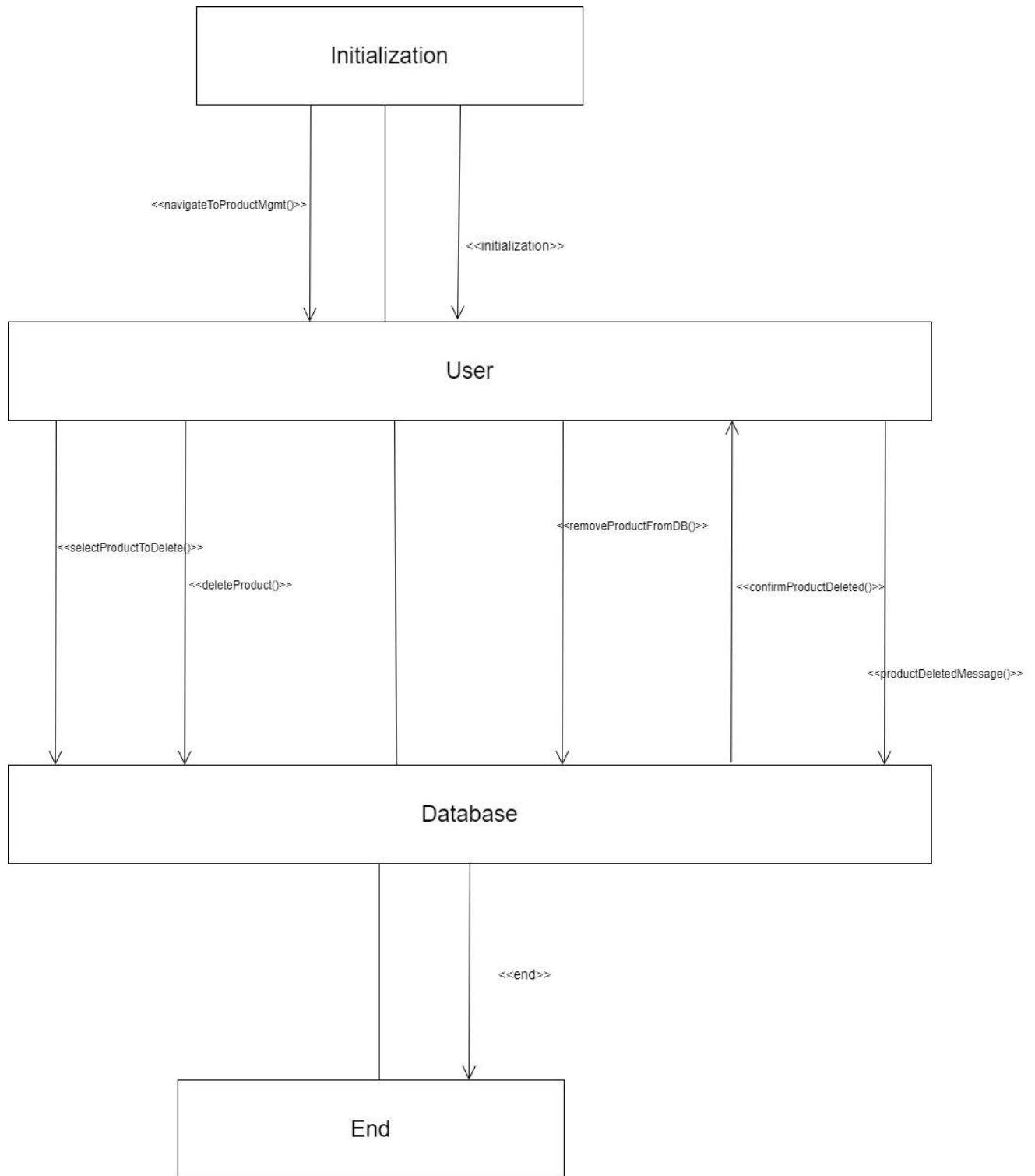
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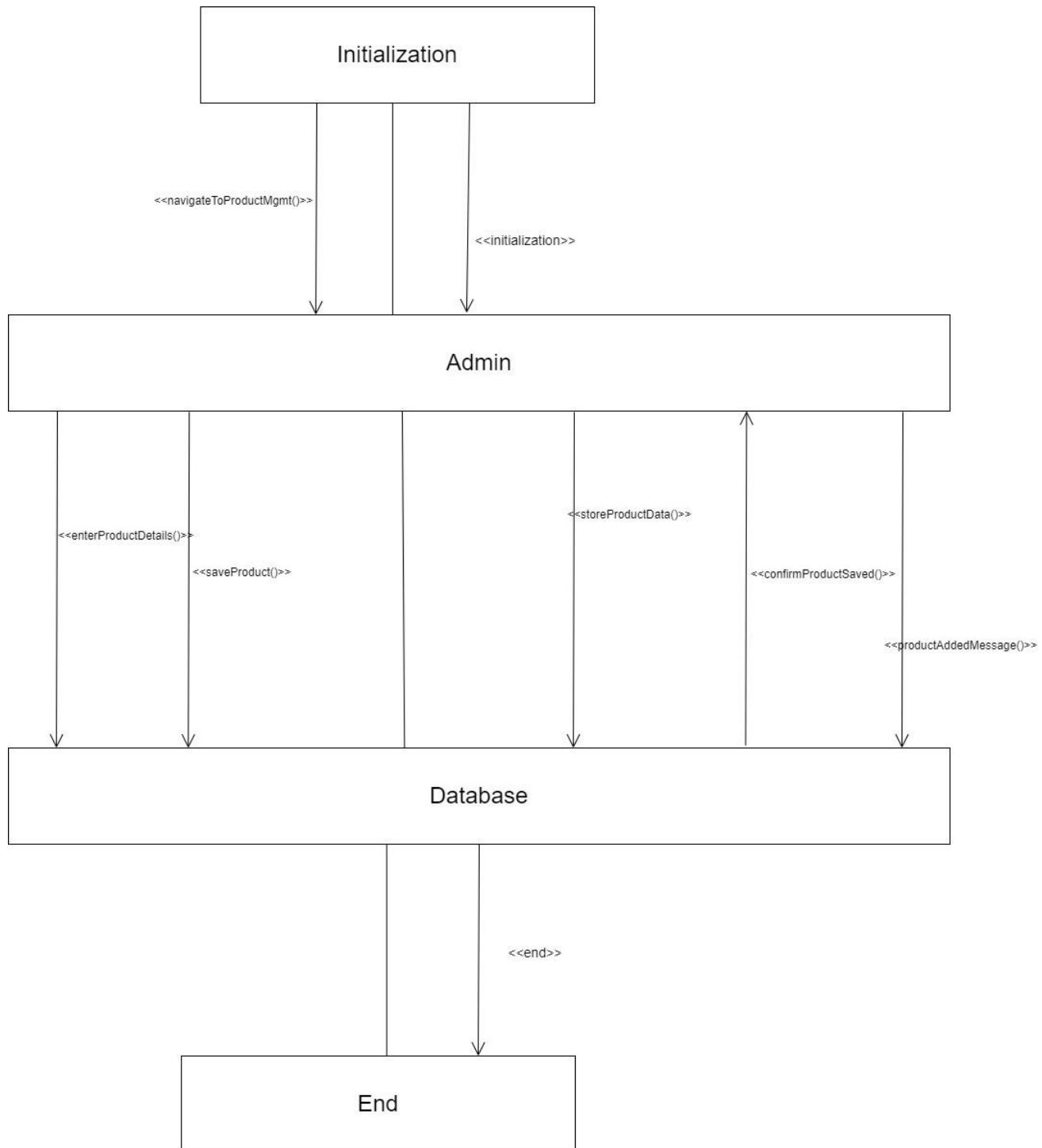
# Viewallpendingorders ()



# deleteproduct ()

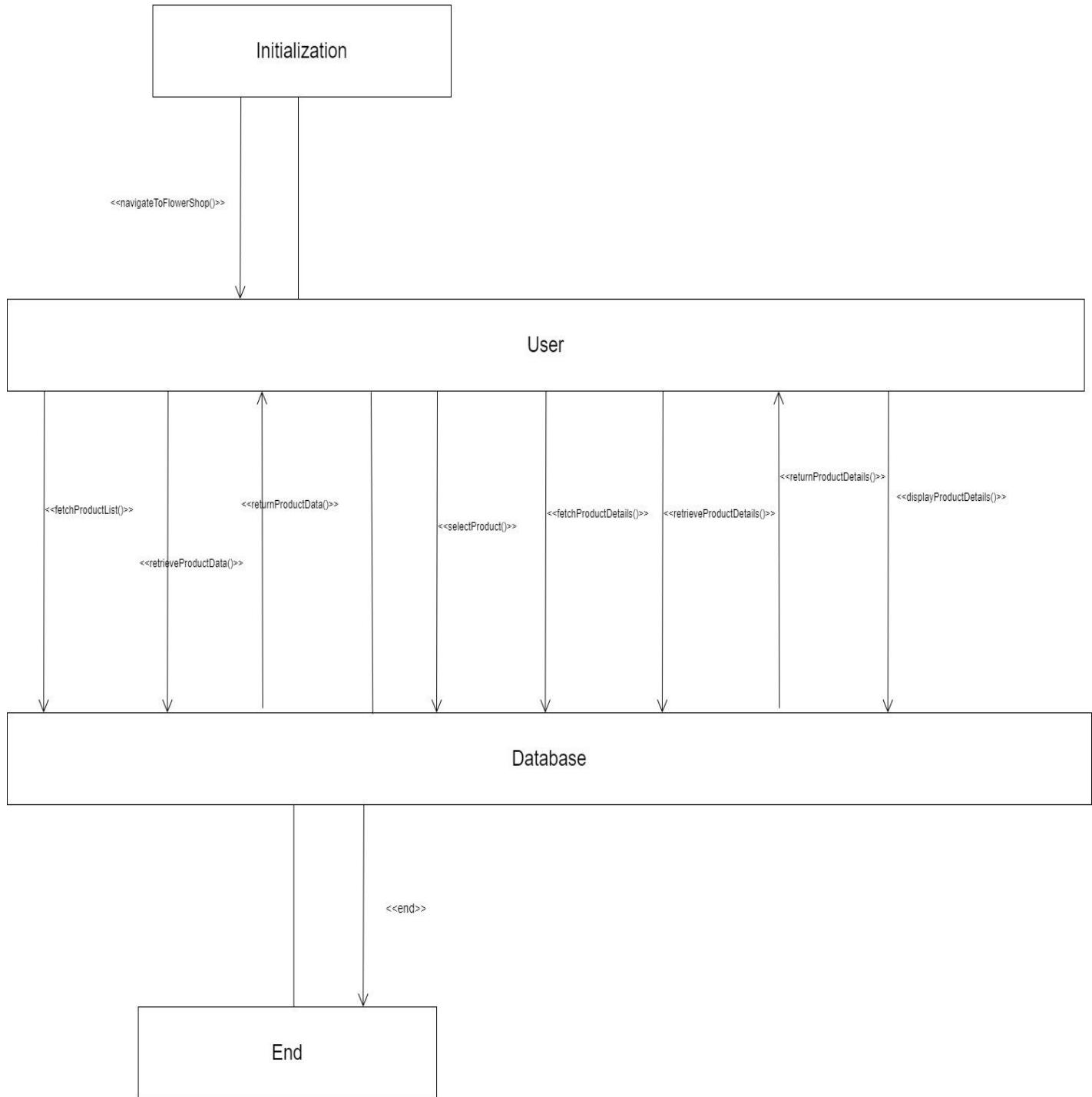


# addproduct()

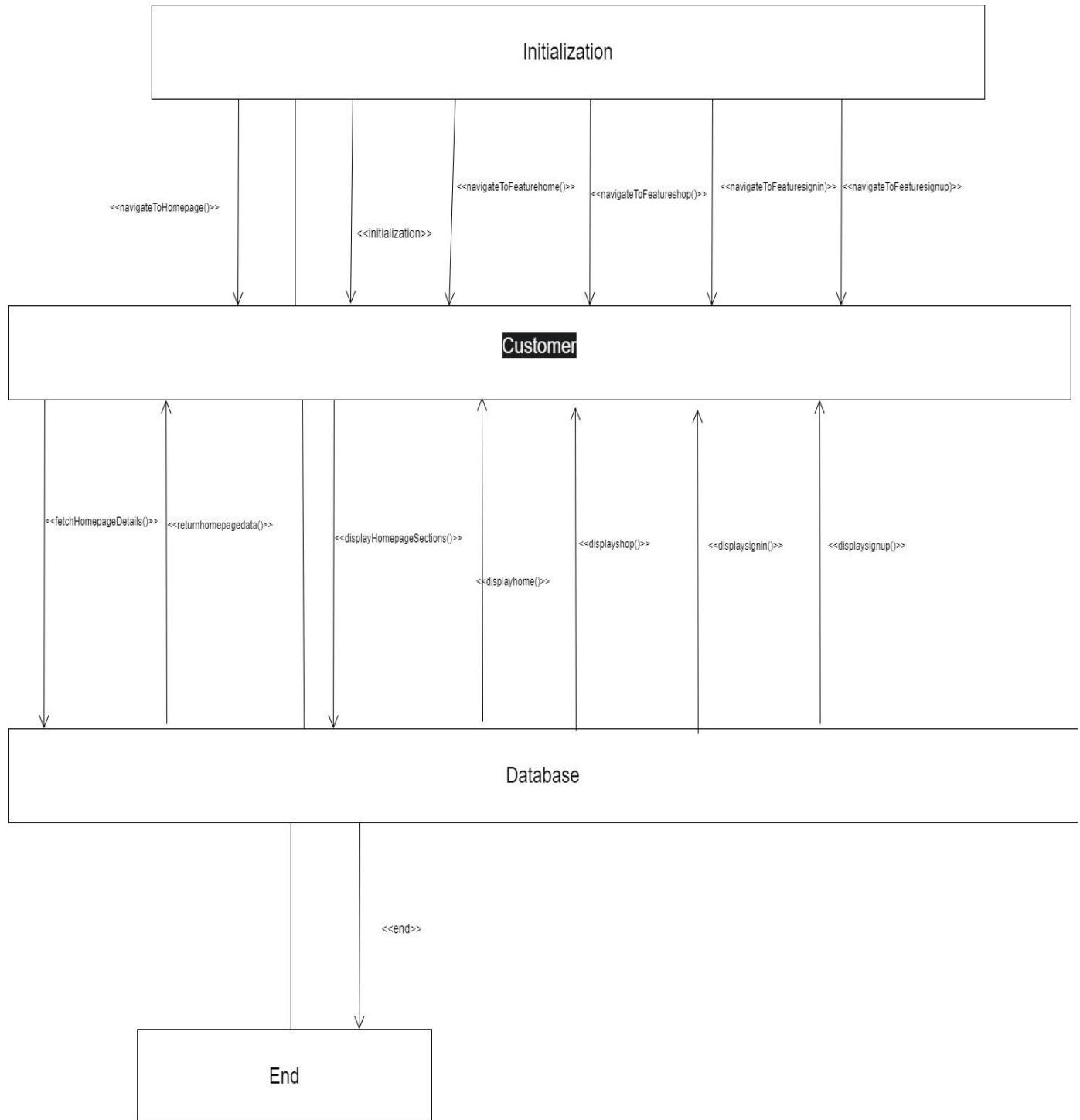


# Customer Side

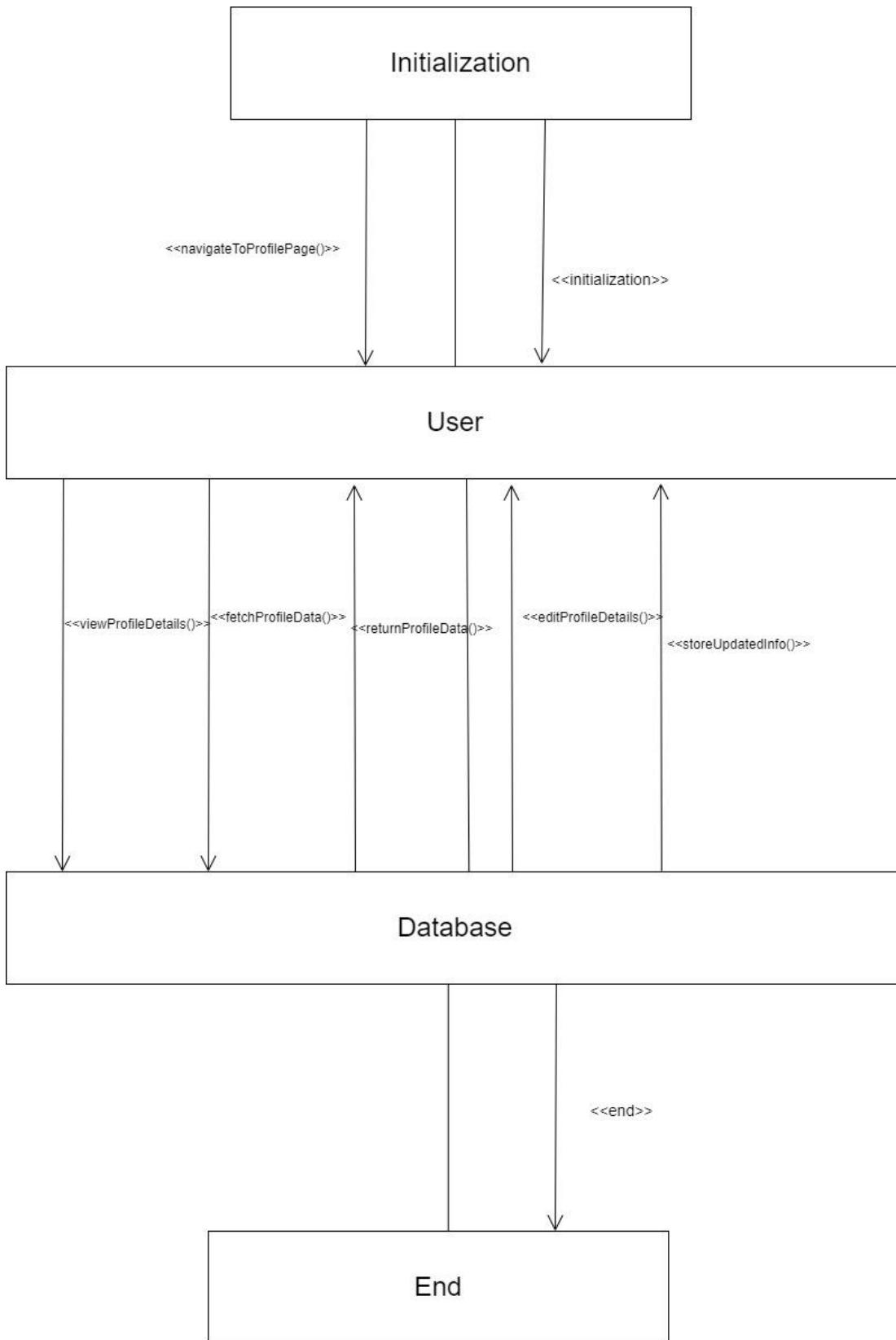
## Visitflowershop ()



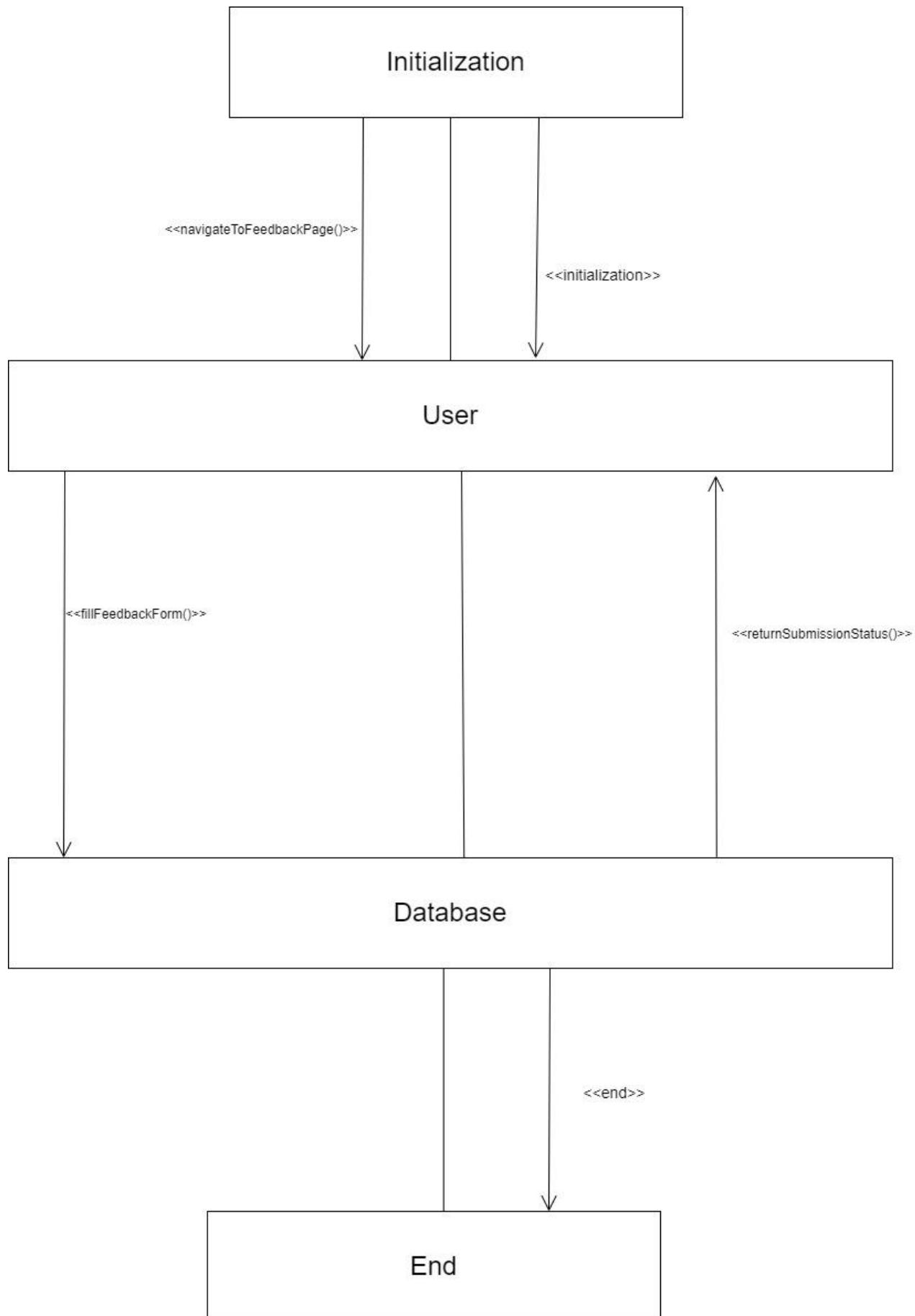
# Viewhomepage ()



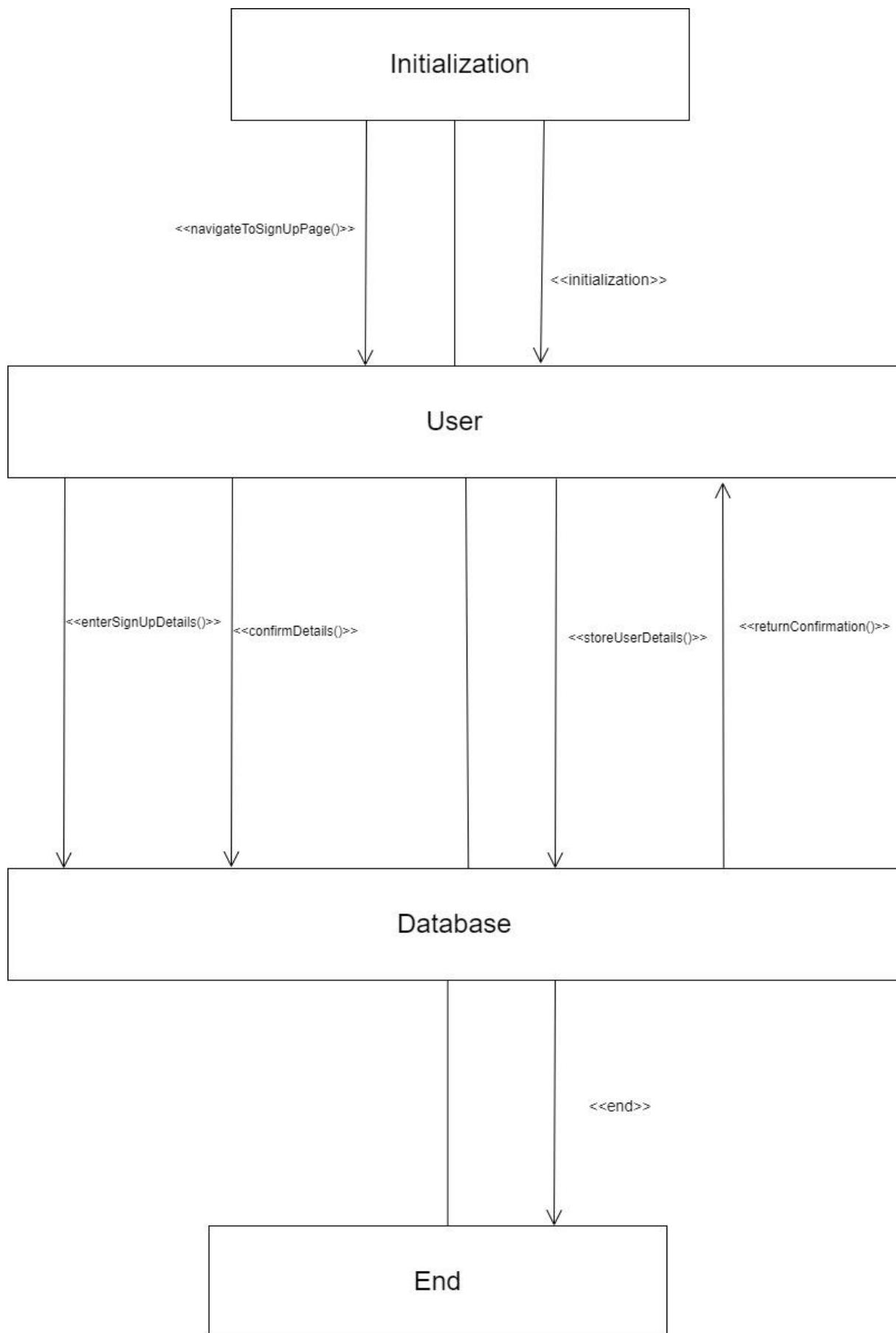
# usermanagesprofile ()



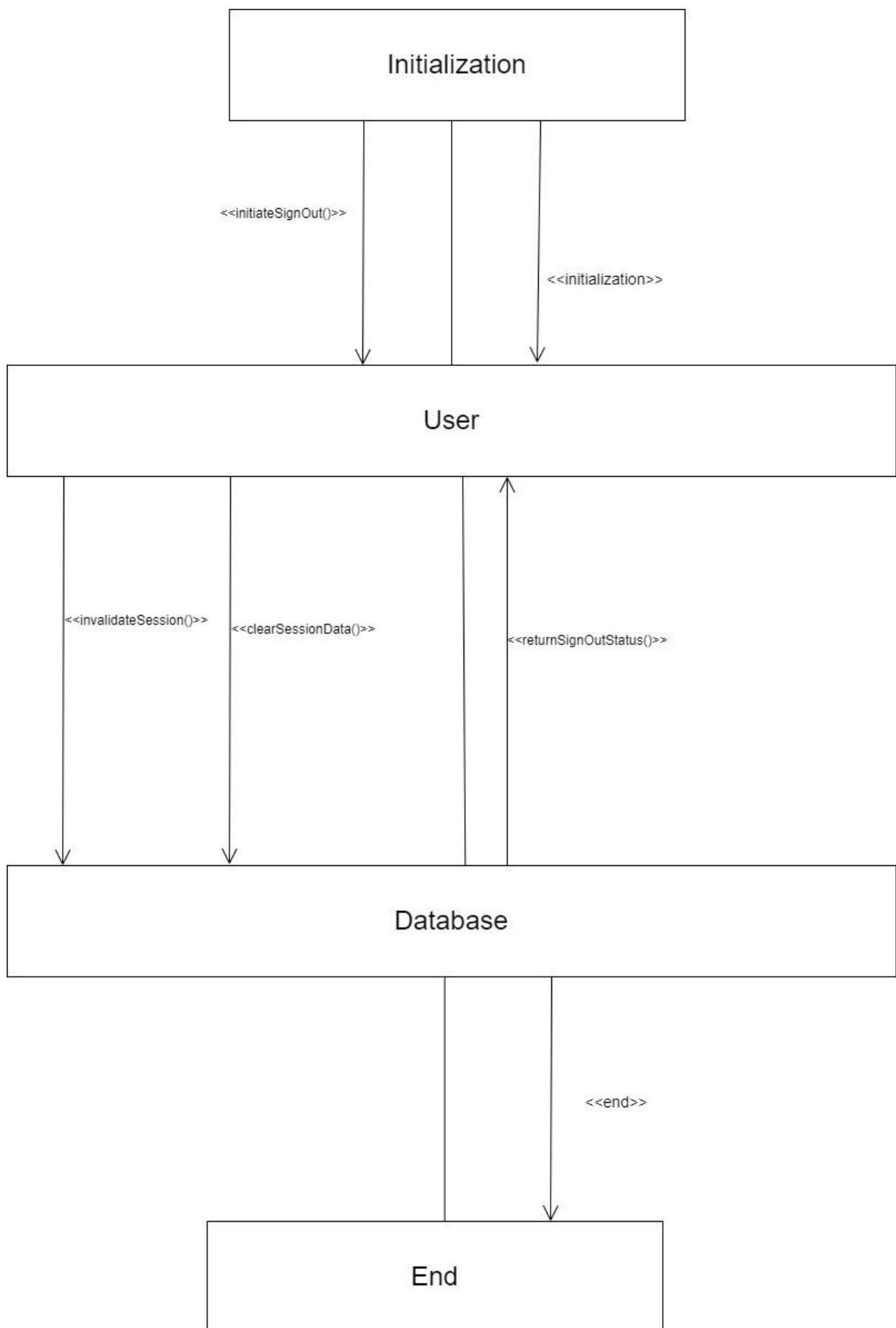
## submitfeedback()



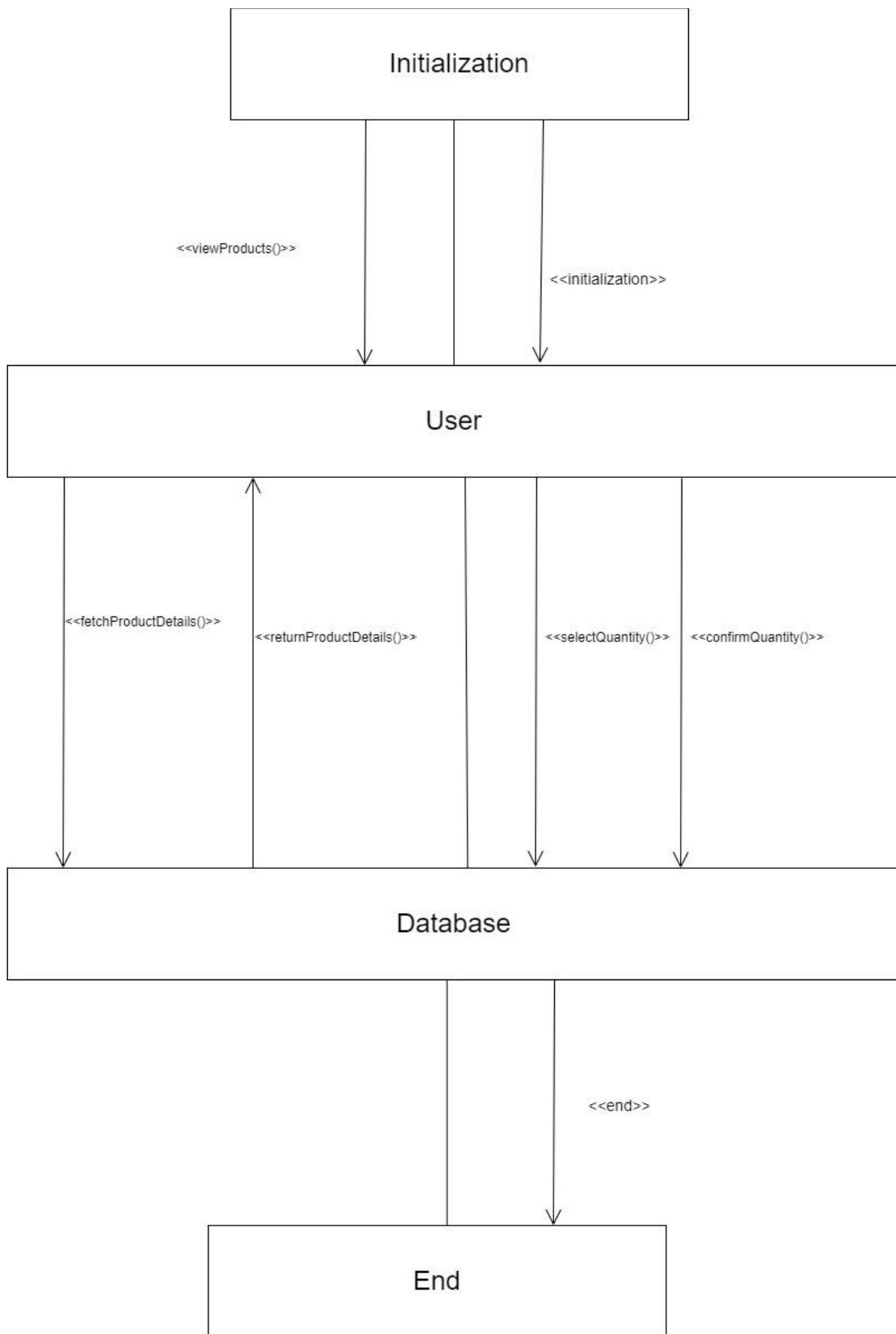
# signup ()



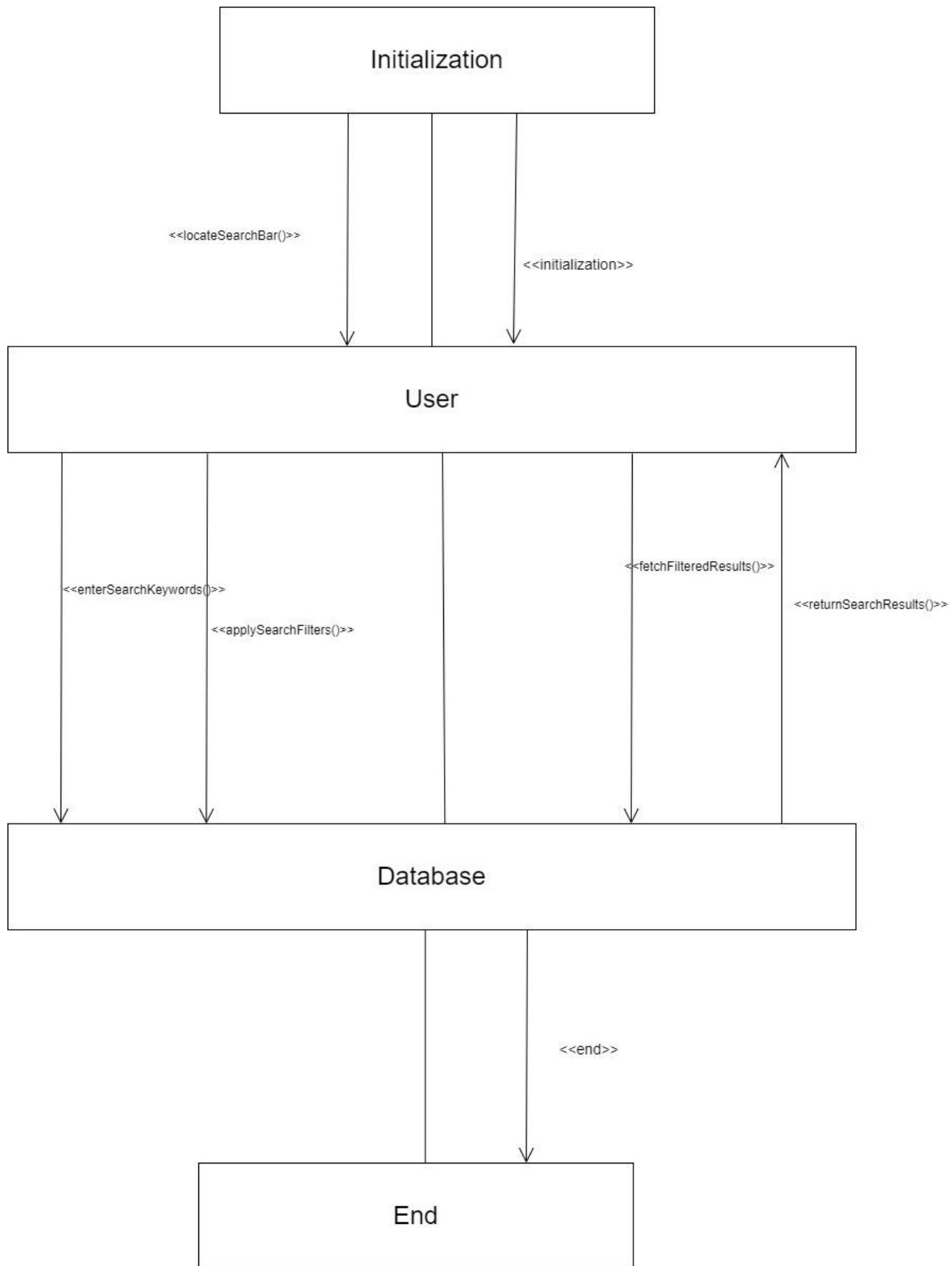
# signout()



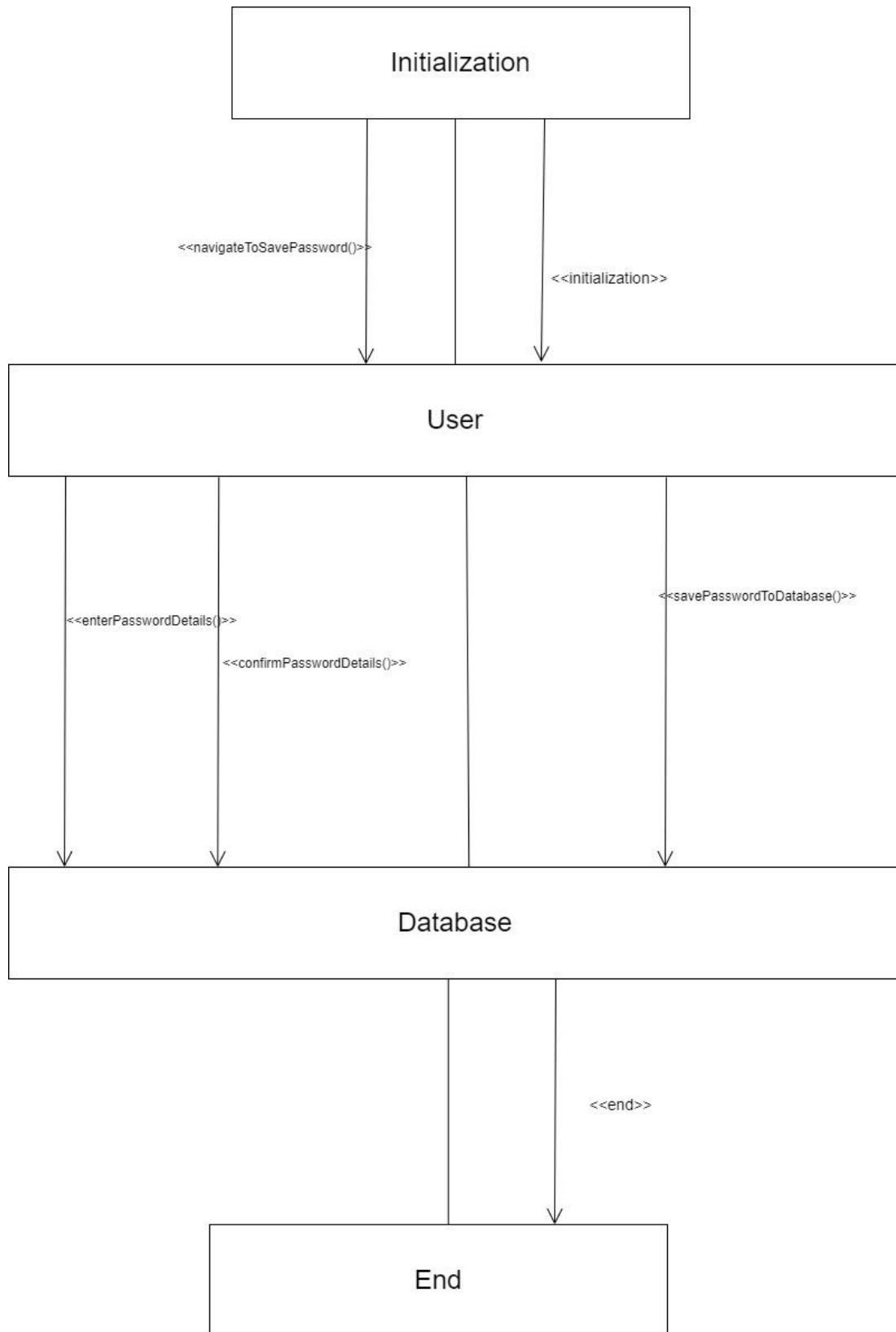
## selectquantity()



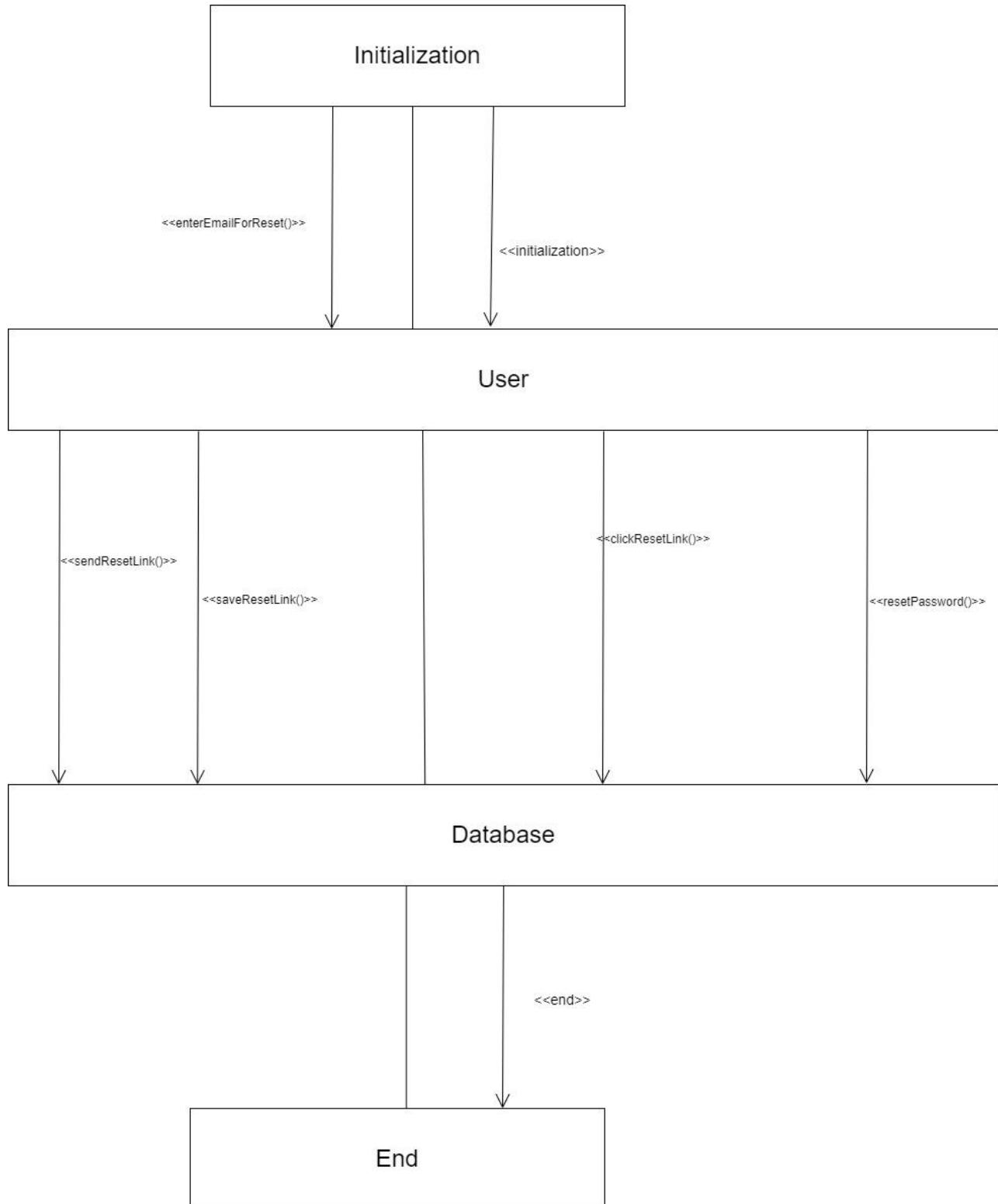
# searchbar ()



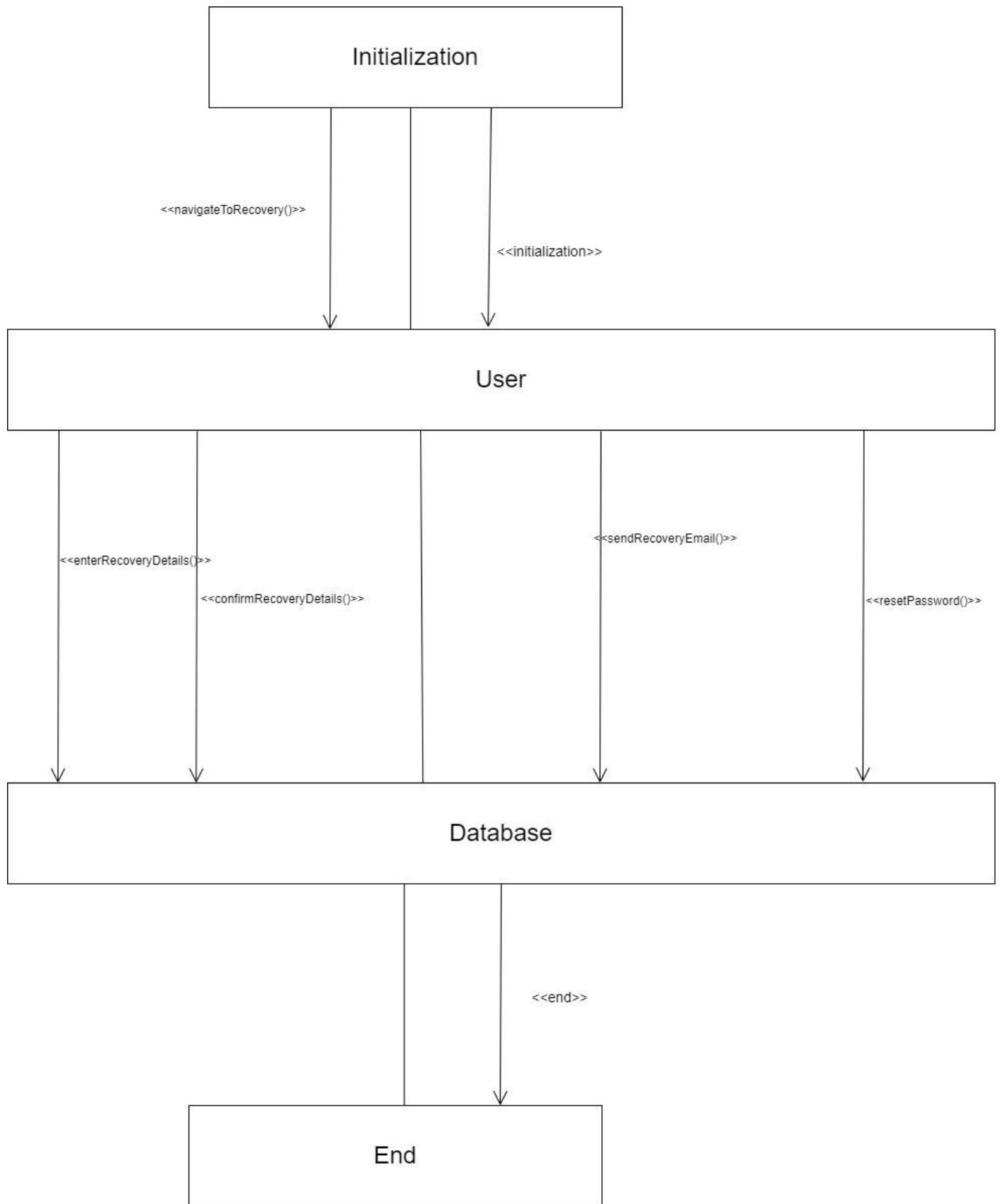
## savepassword()



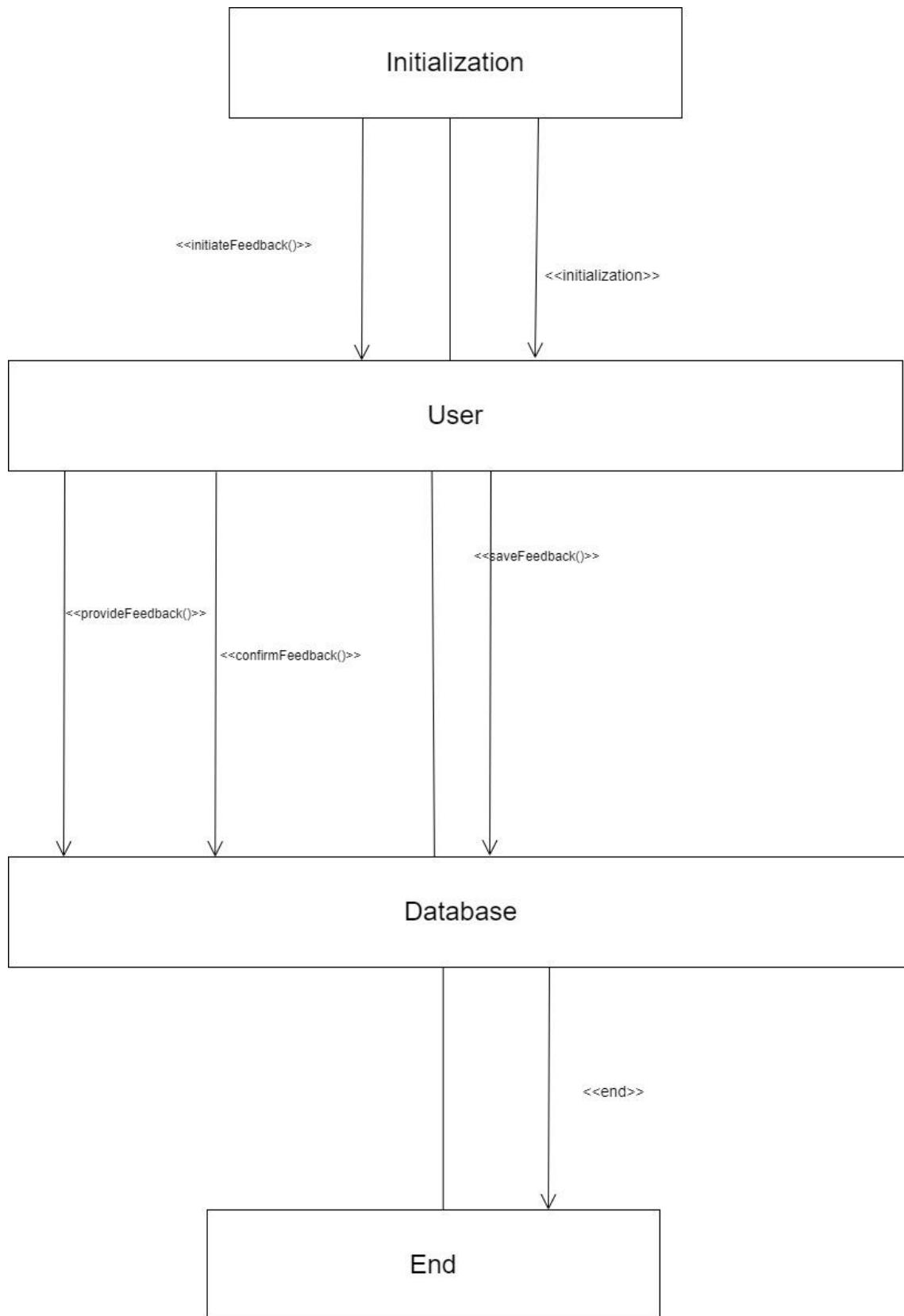
# resetpassword()



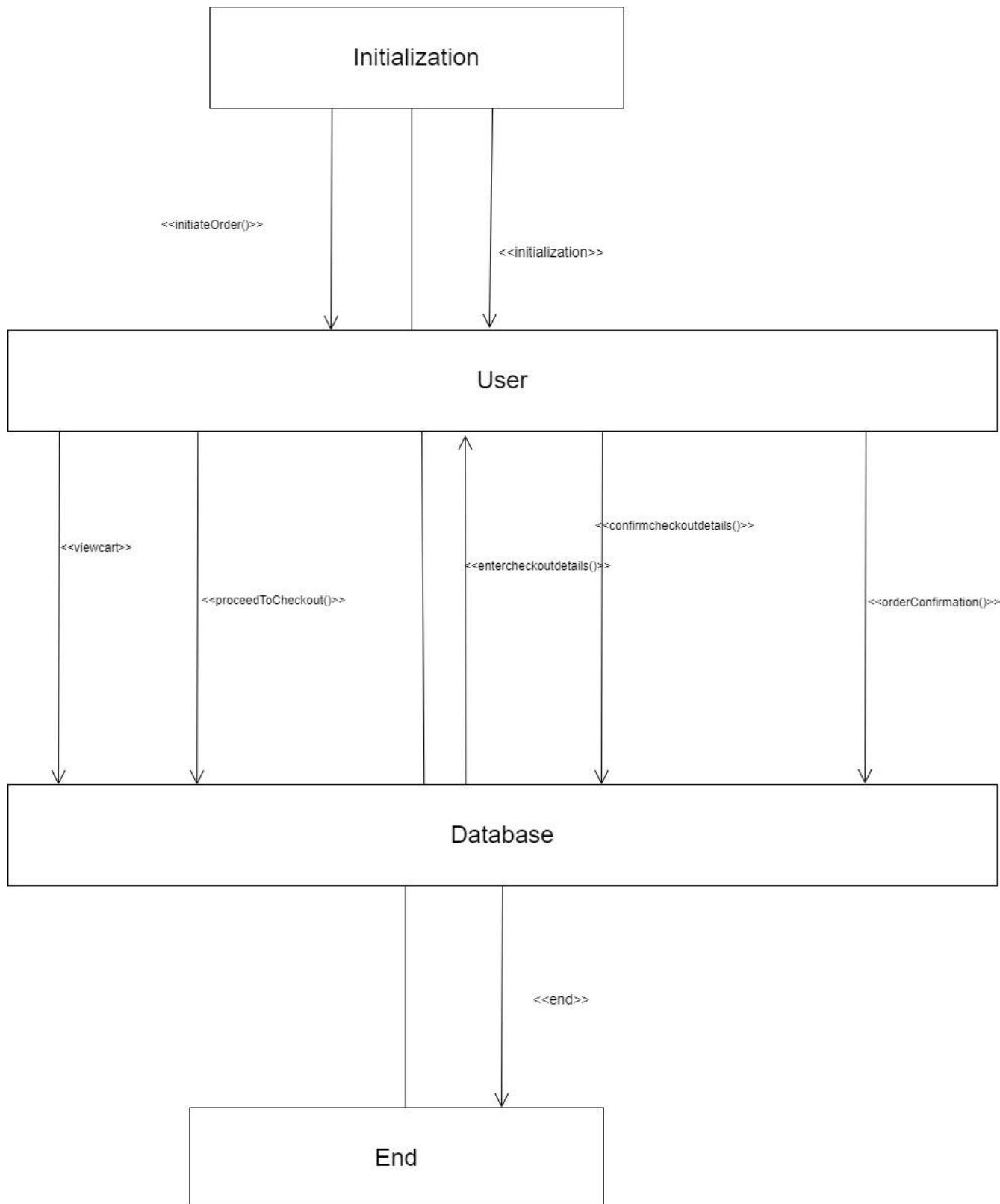
## recoverpassword()



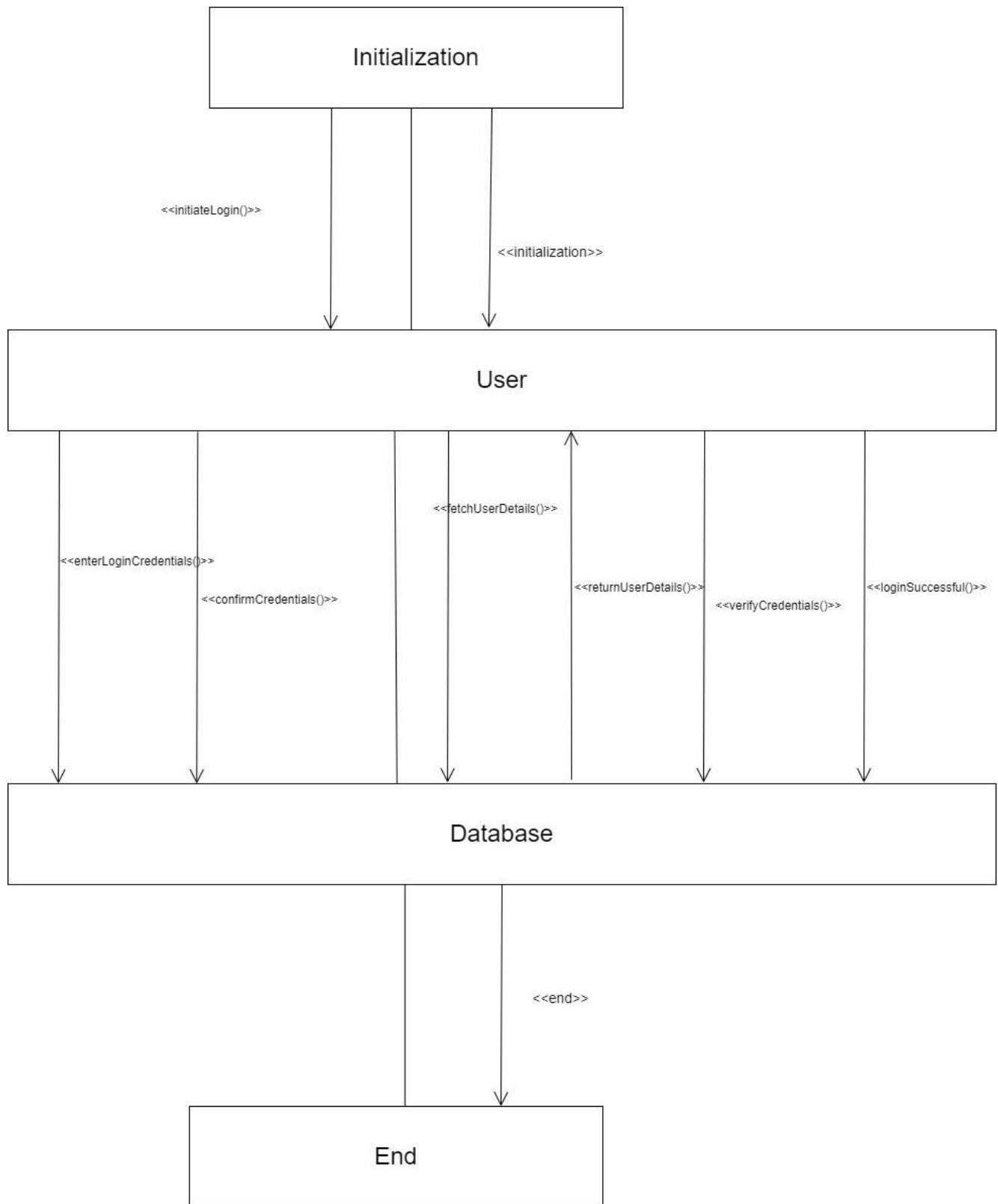
# providefeedback()



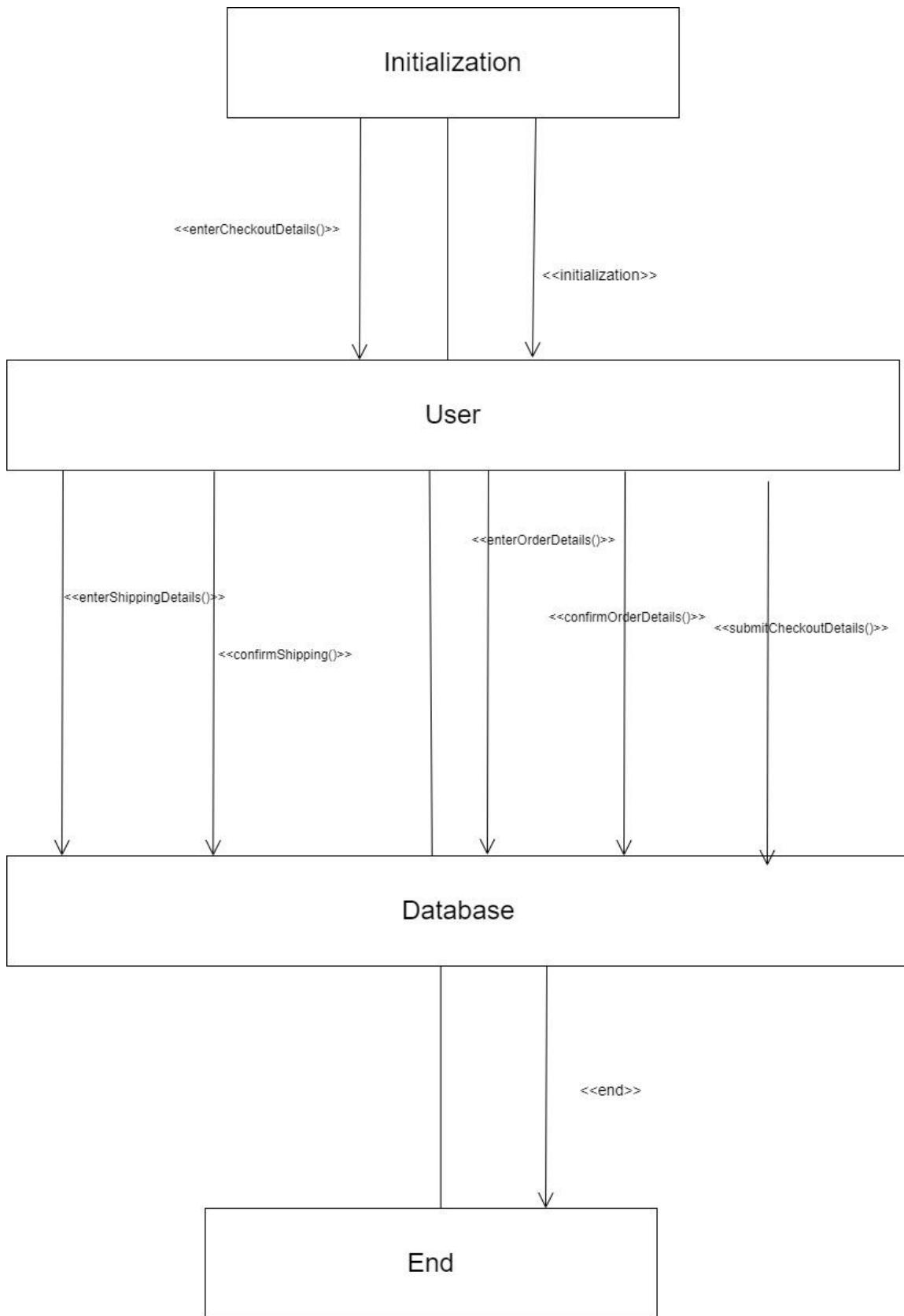
# placeorder()



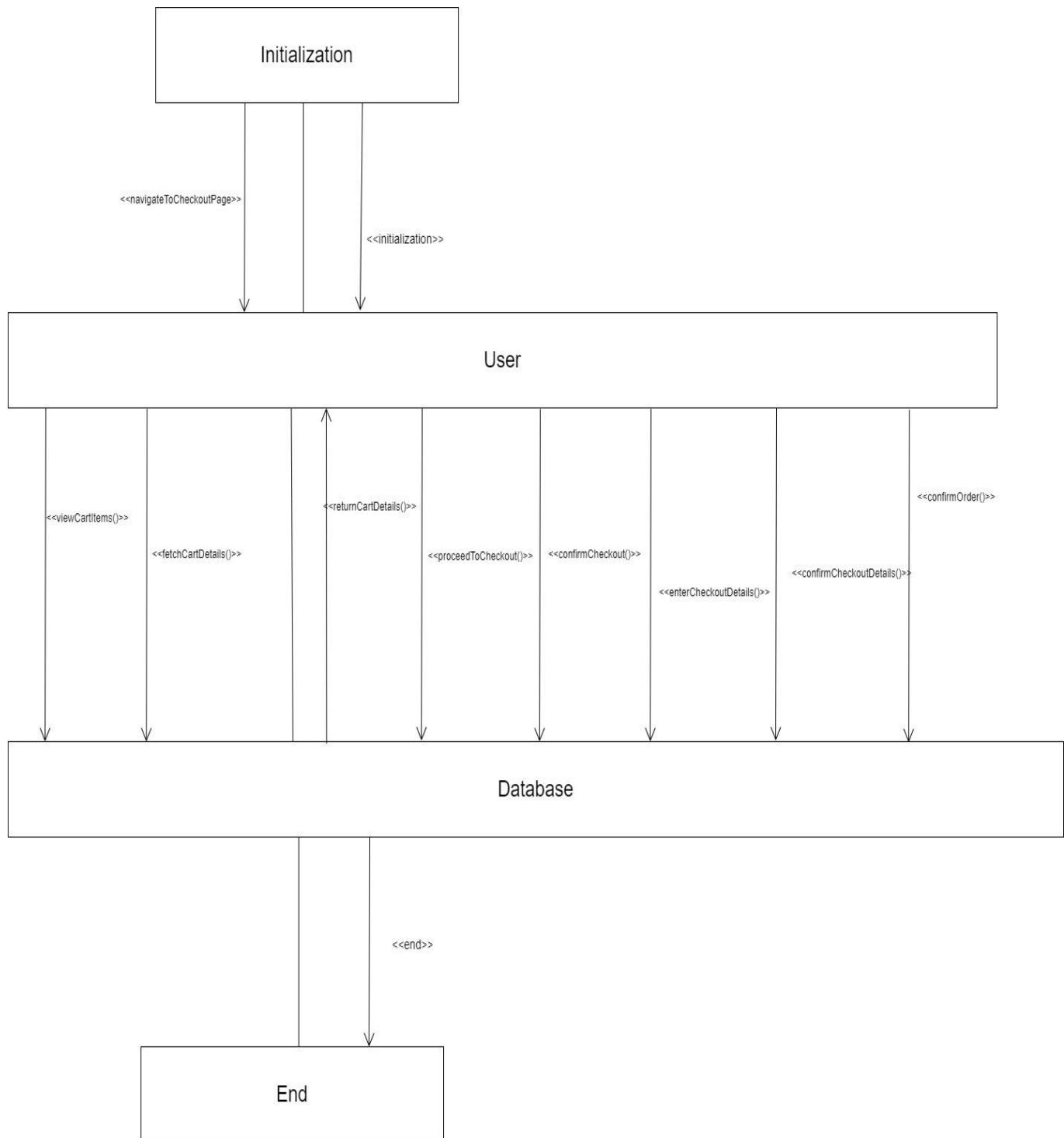
# login()



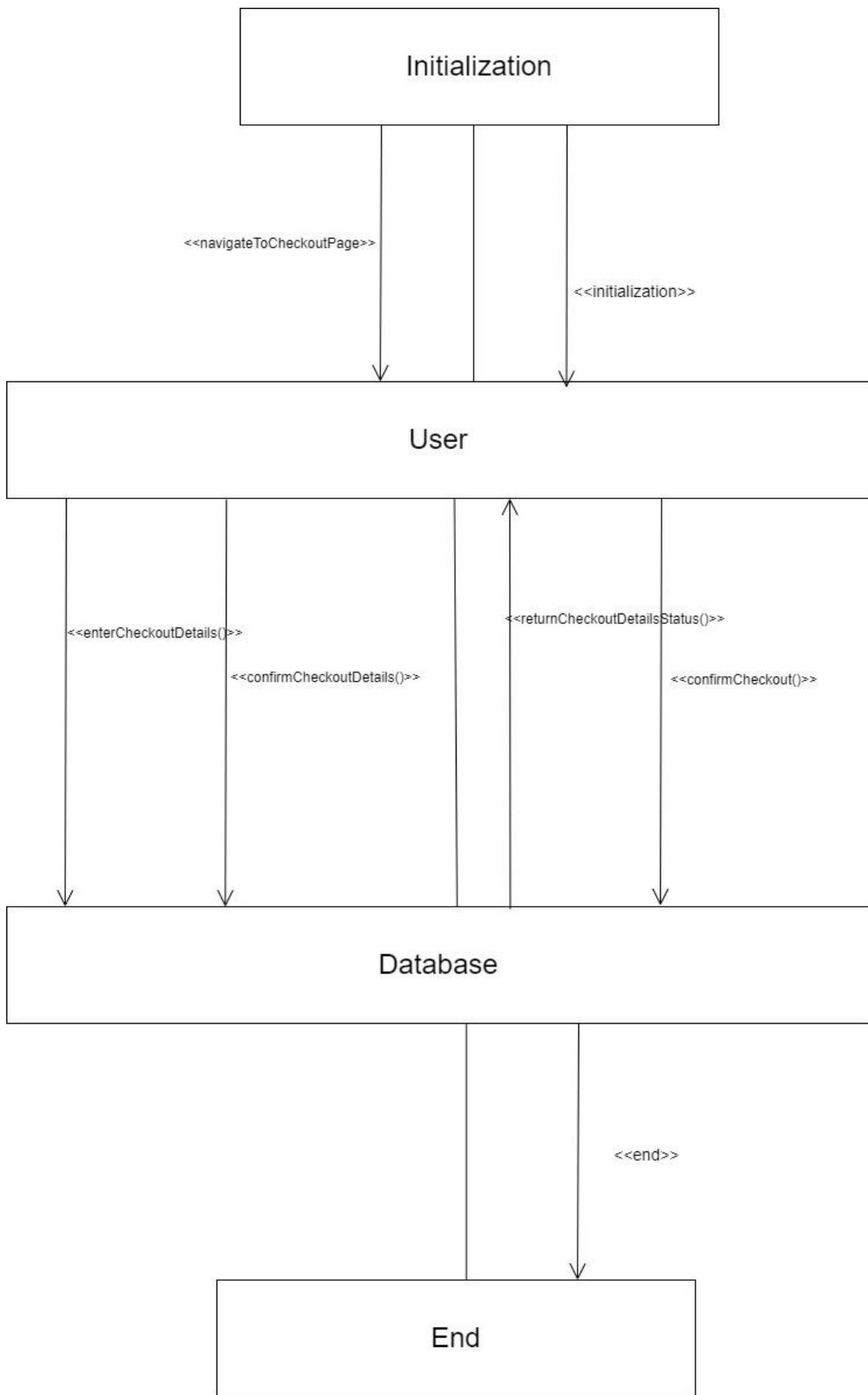
## enterdetailsincheckout()



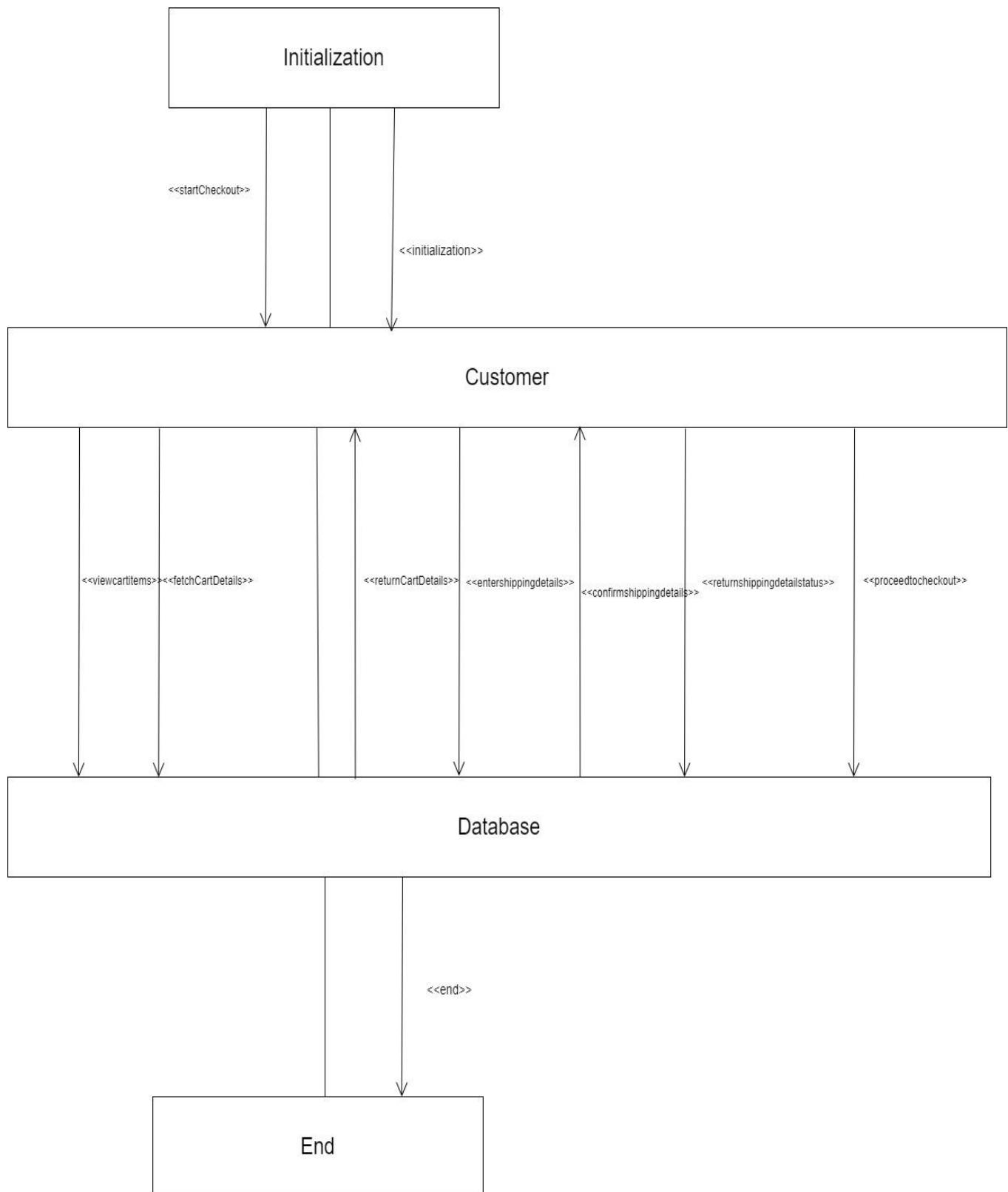
# Confirmorder()



## confirmcheckout ()

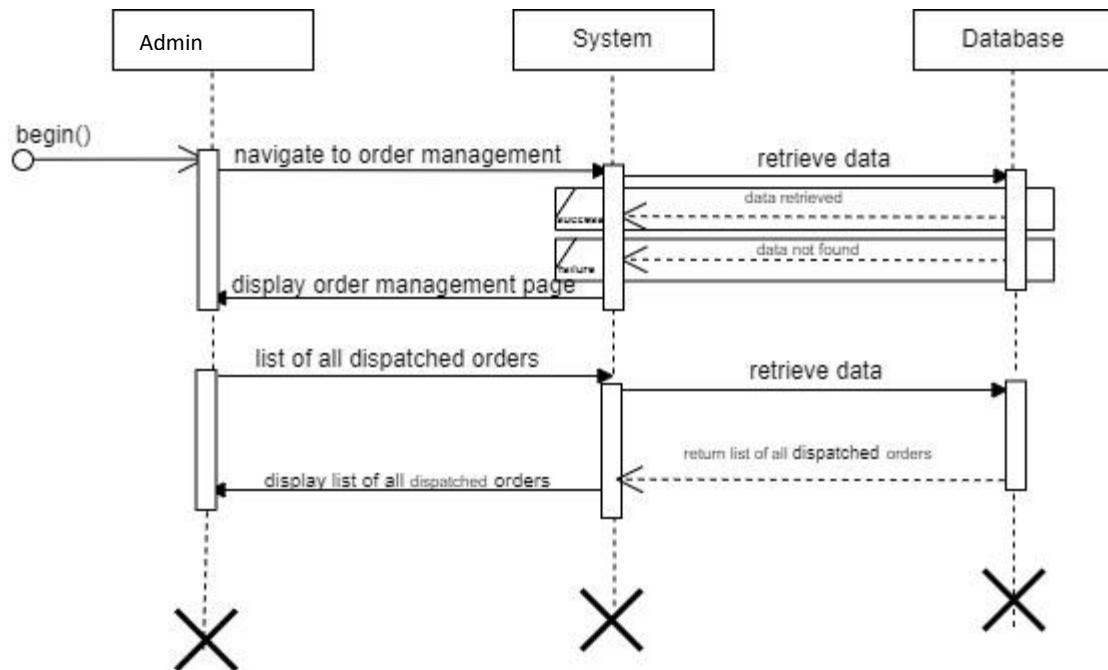


# cancheckout()

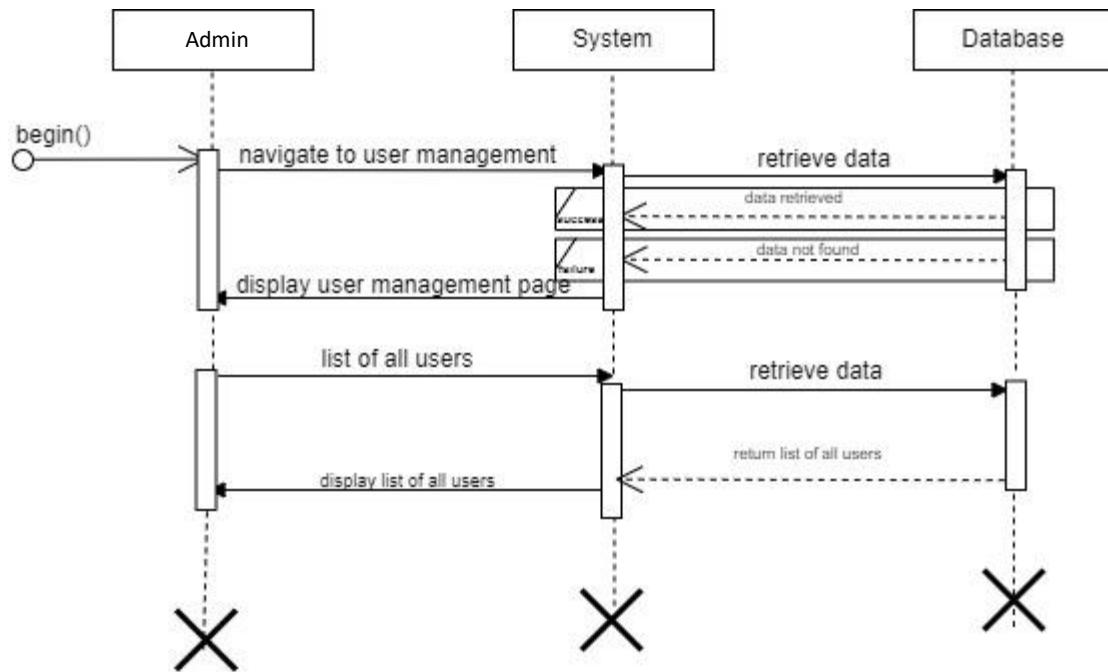


# Dynamic Sequence Diagram

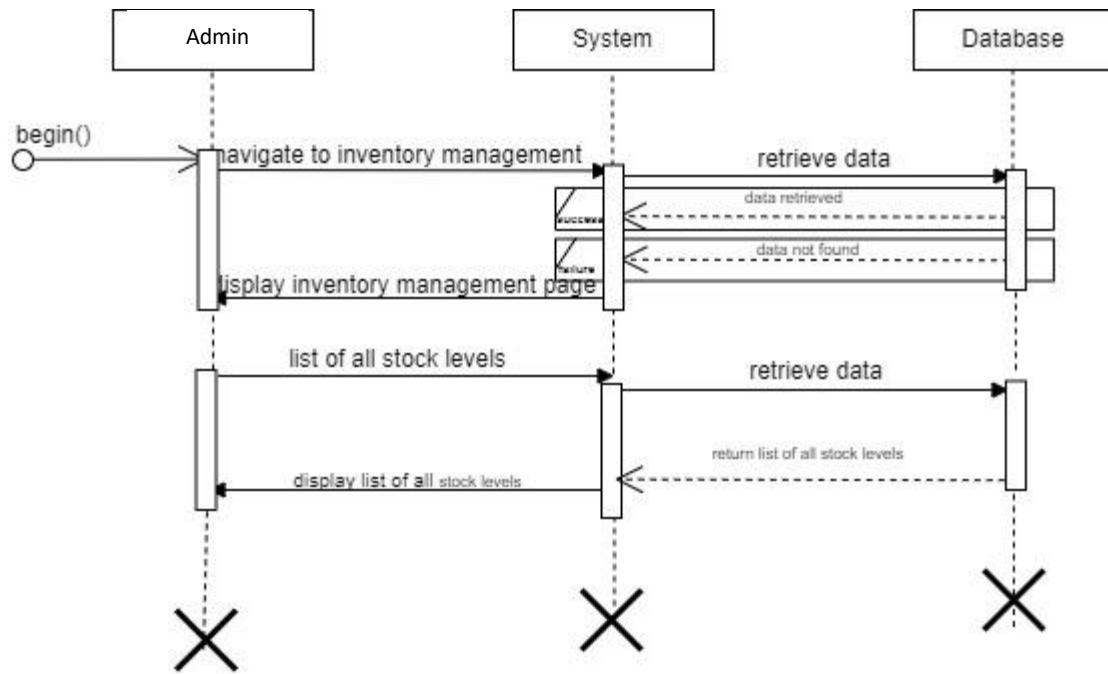
## Admin Side



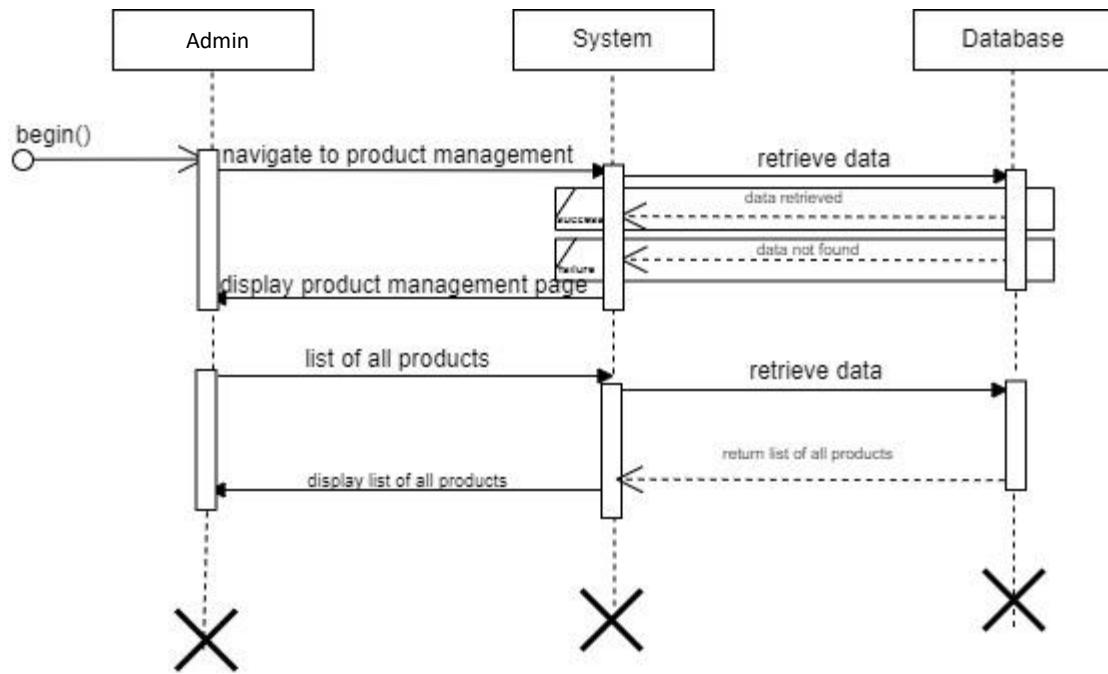
viewdispatchedorders ()



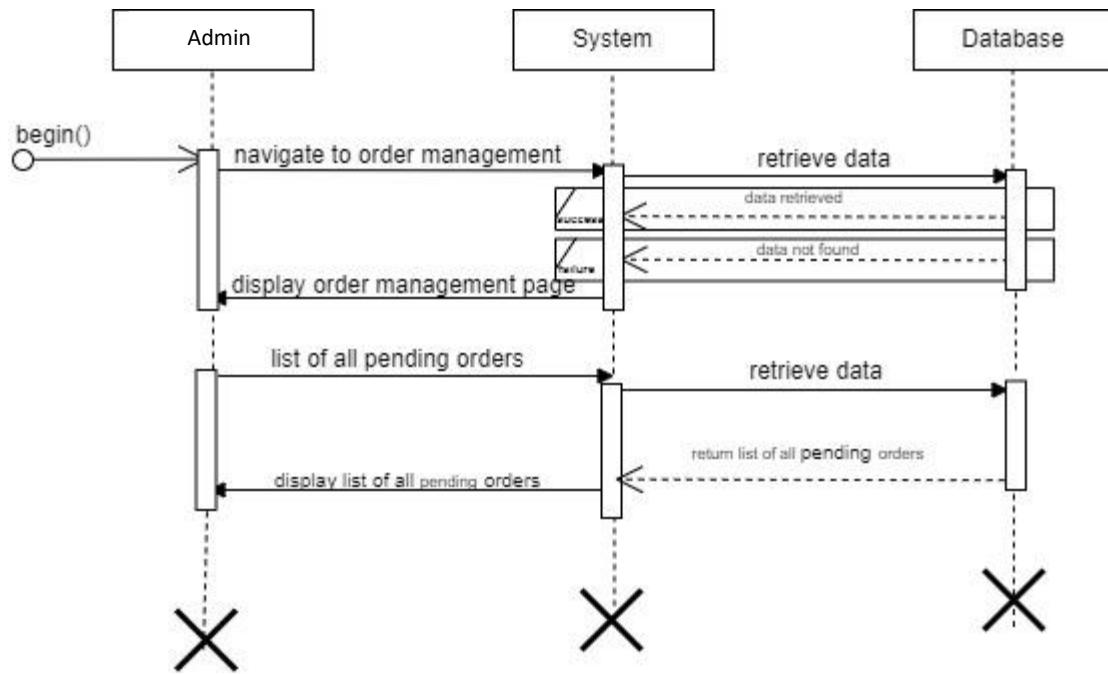
viewallusers()



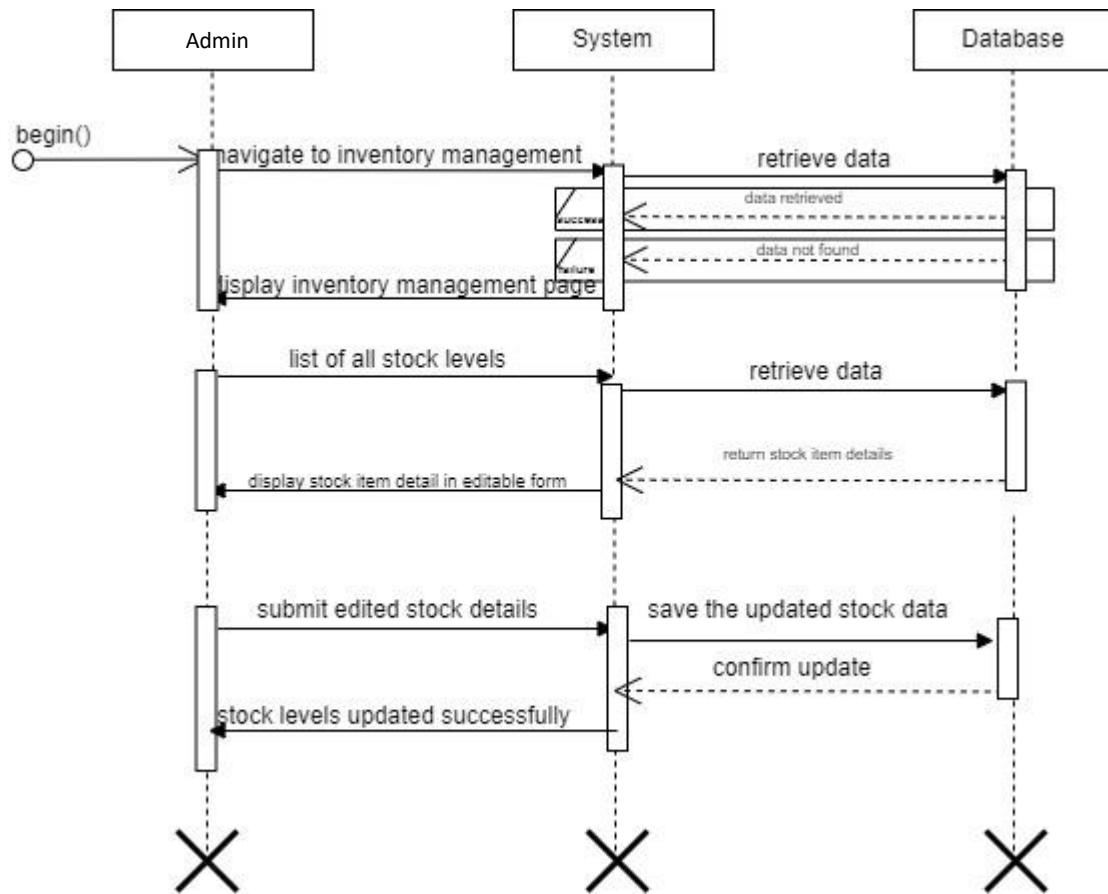
[viewallstocklevels\(\)](#)



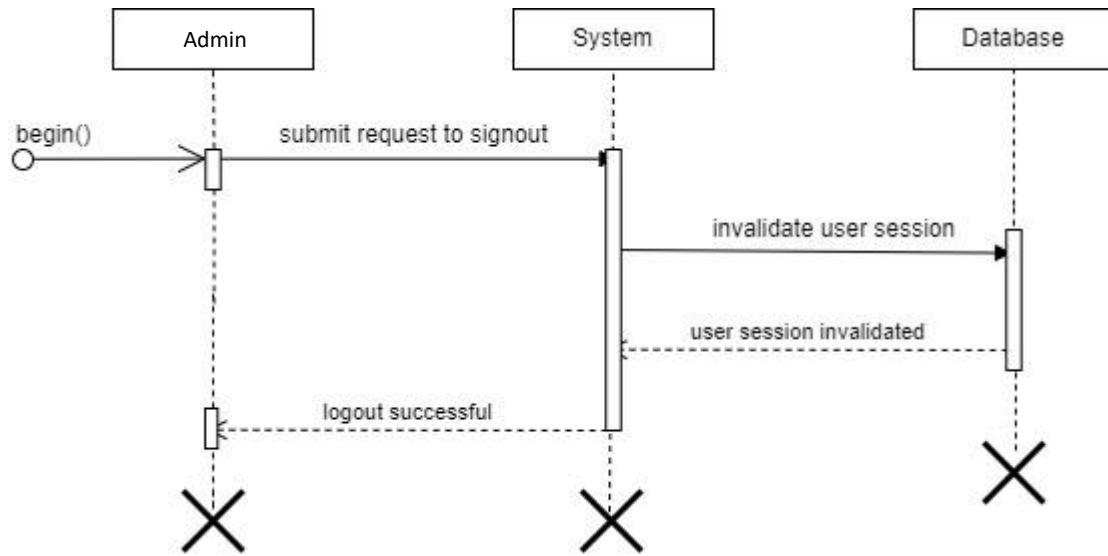
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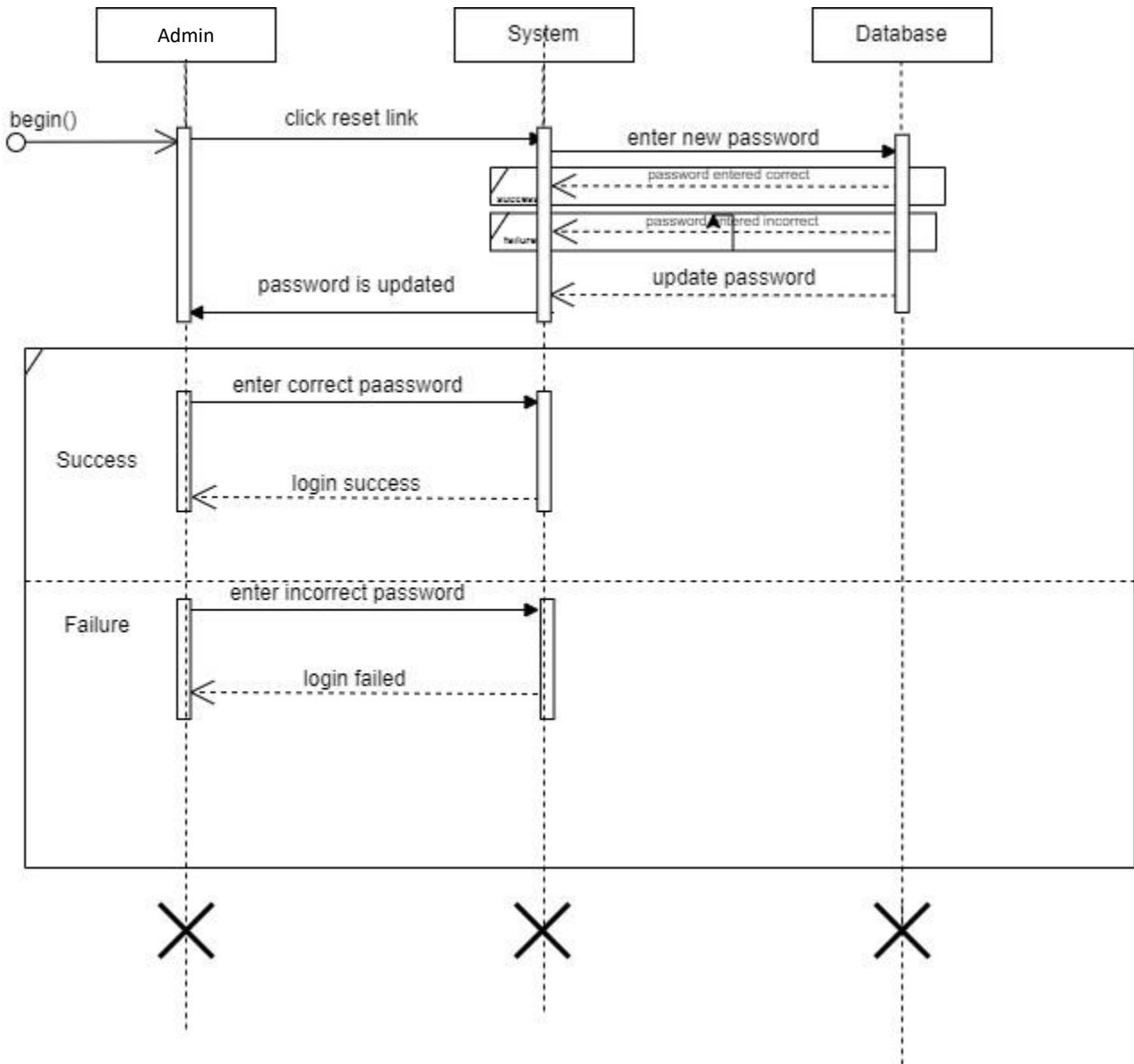
viewallpendingorders ()



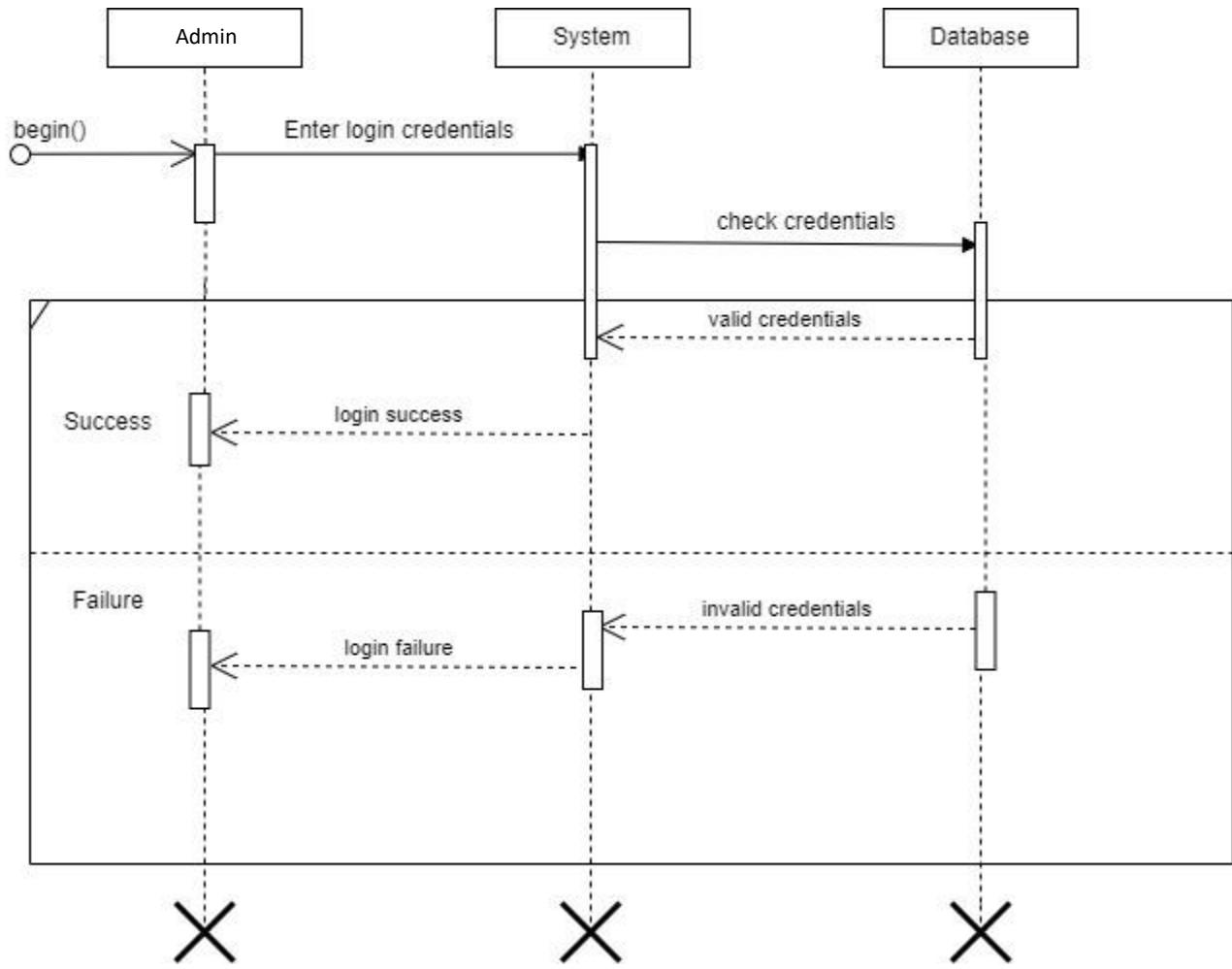
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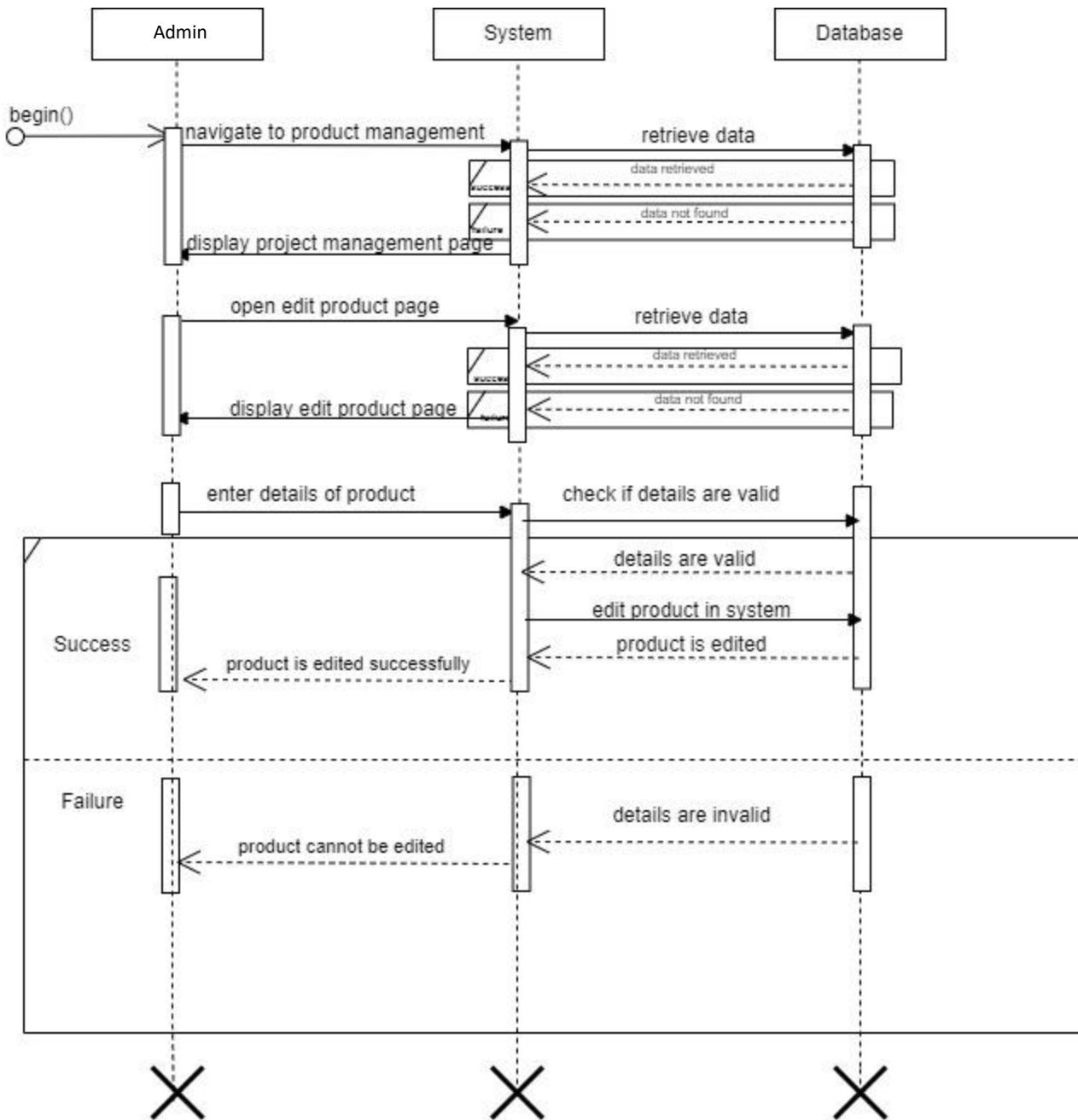
signout ()



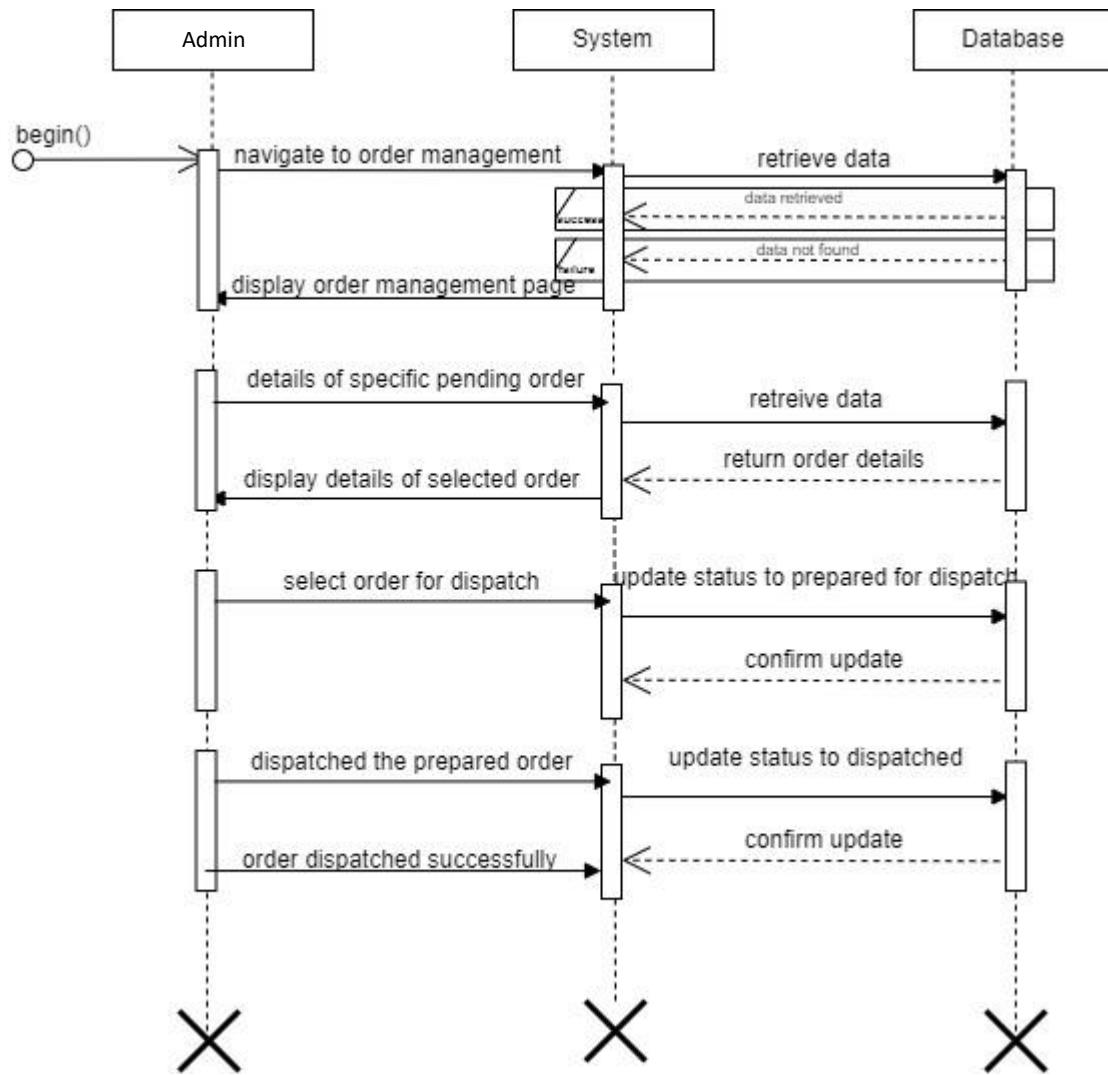
resetpassword()



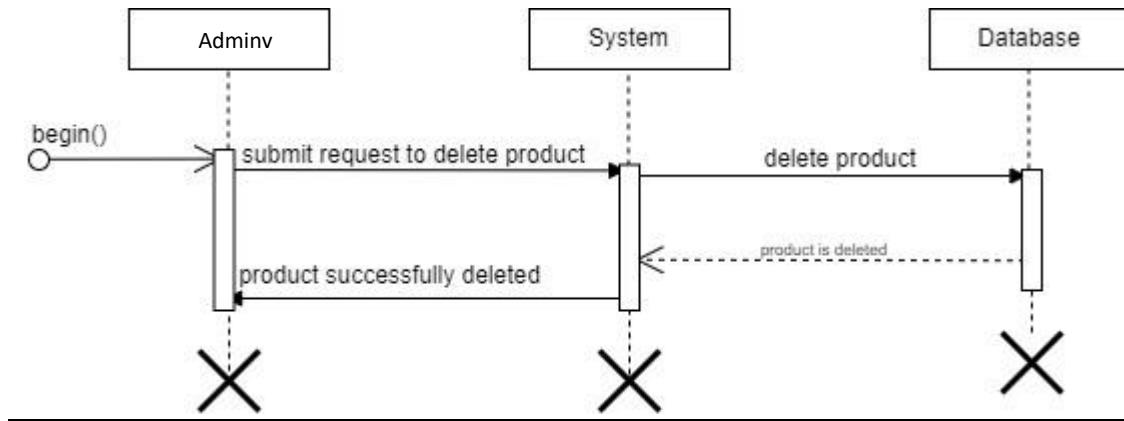
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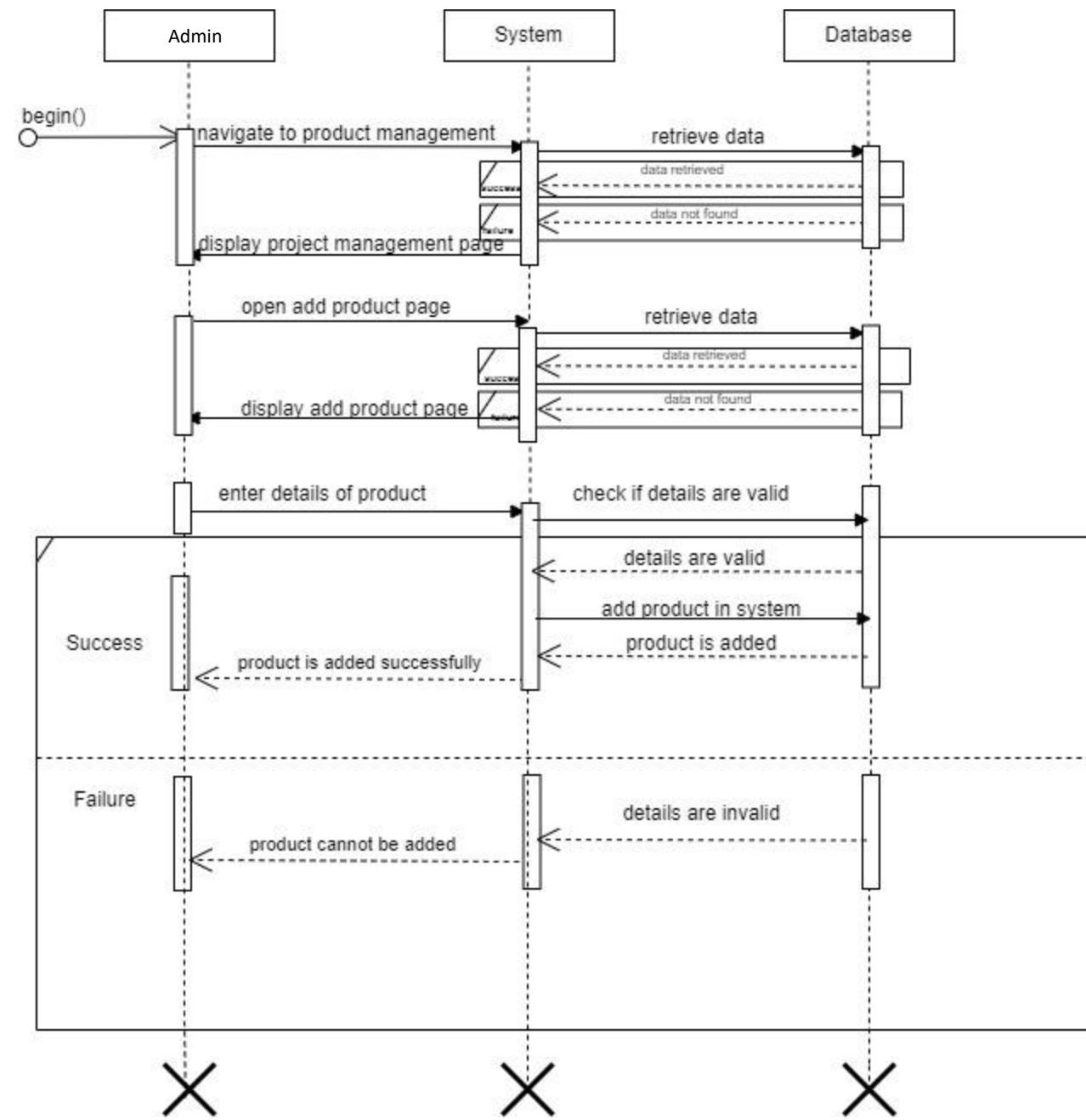
editproduct()



dispatchpendingorders()

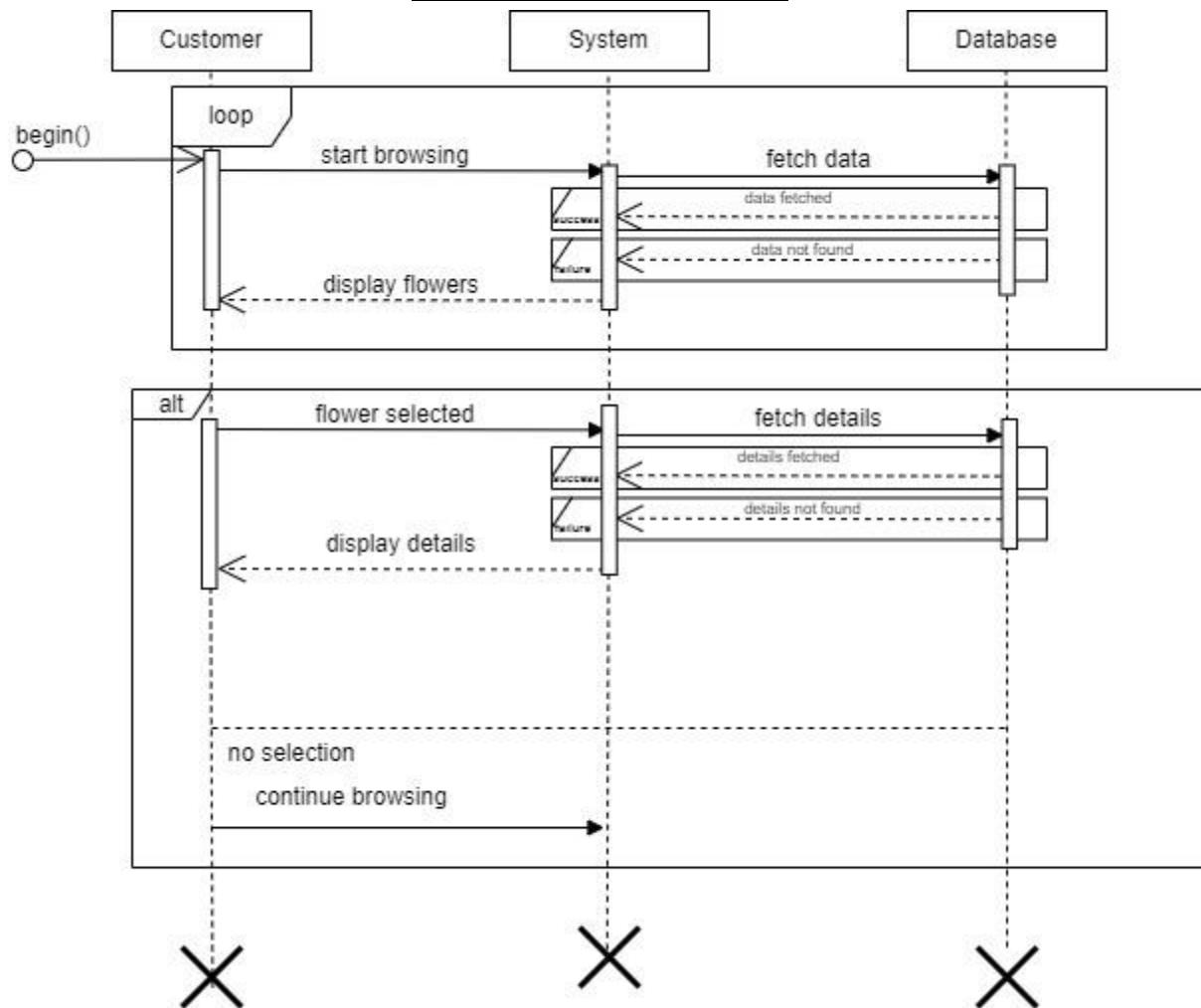


deleteproduct()

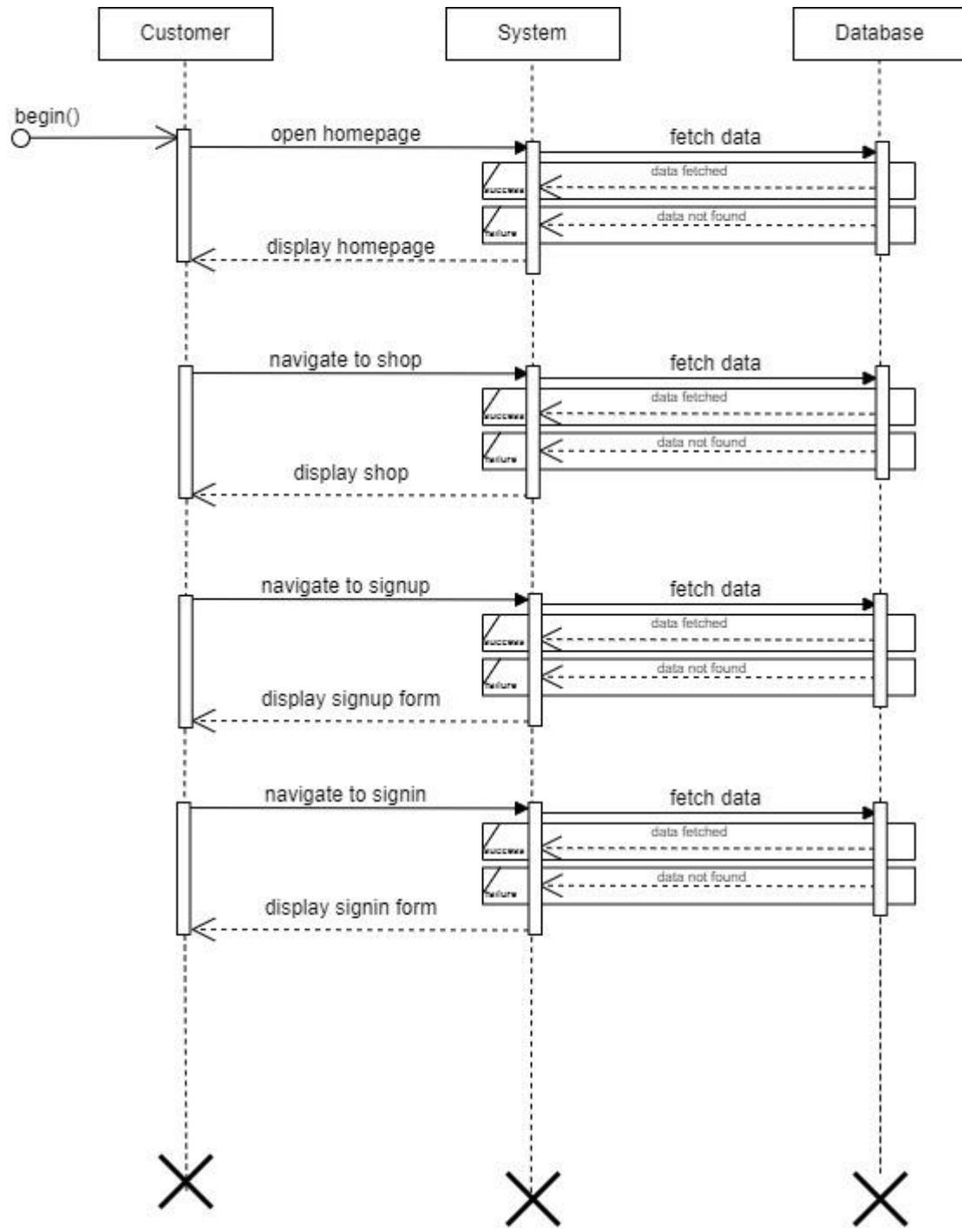


addproduct()

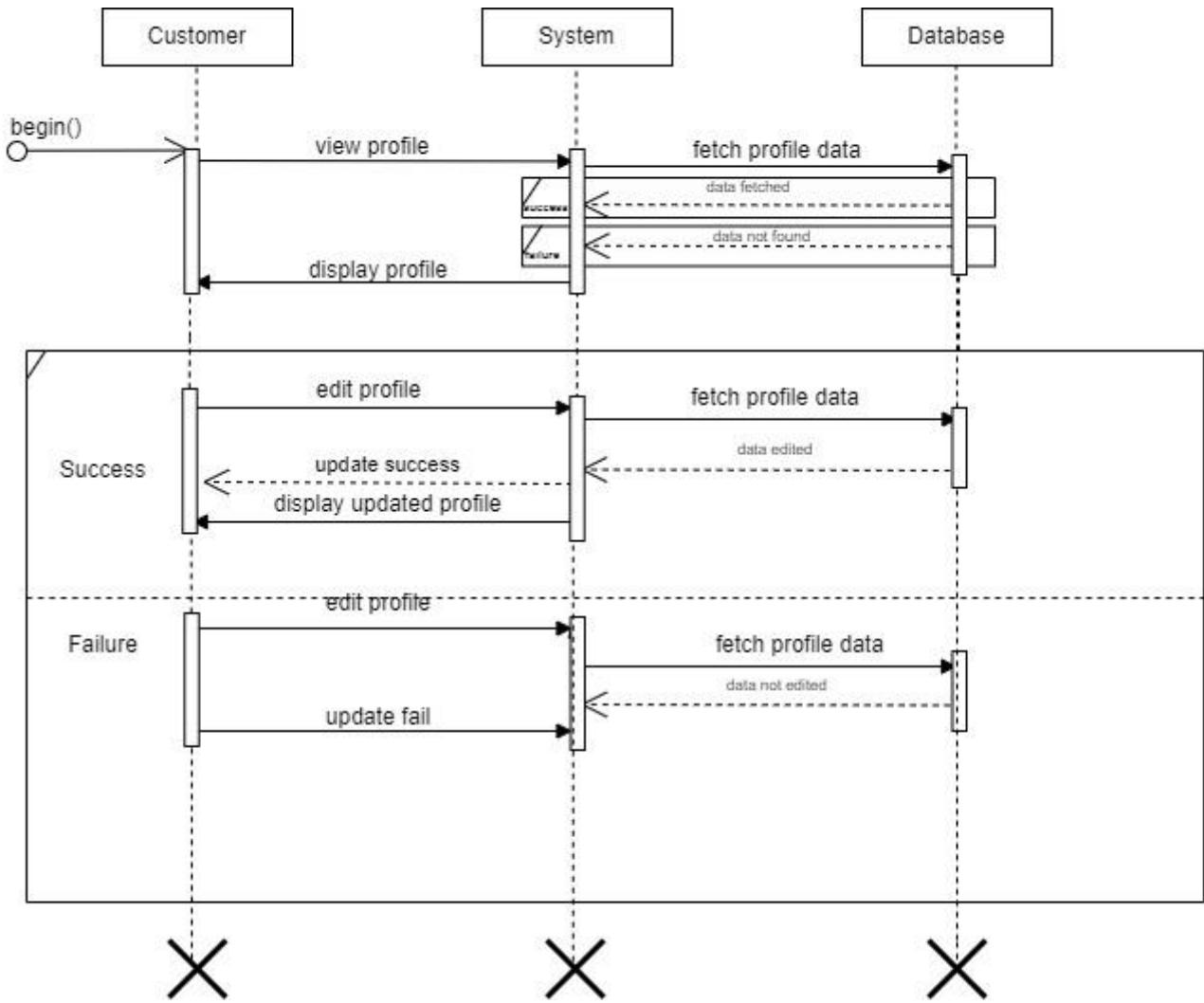
# Customer Side



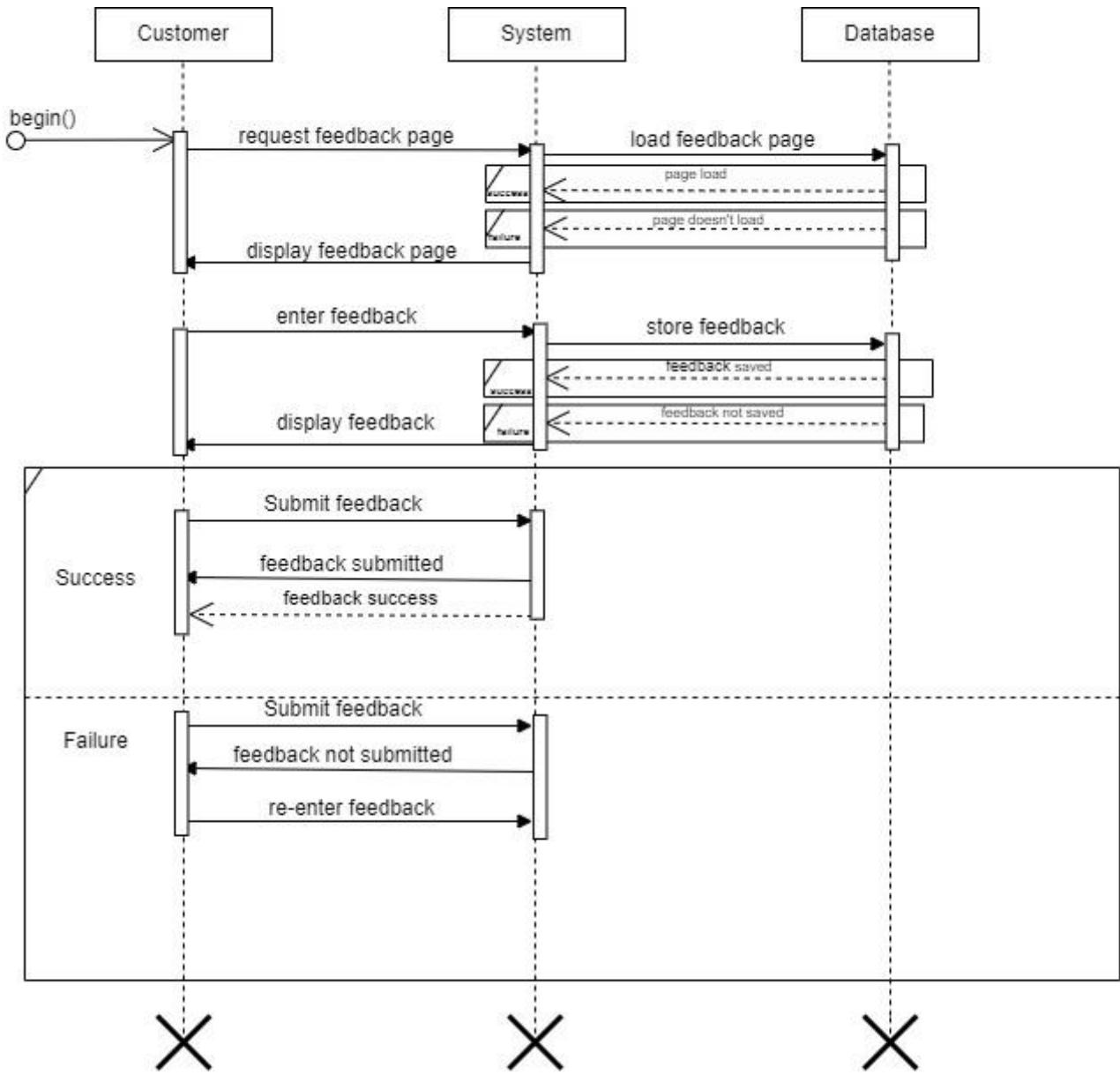
visitflowershop()



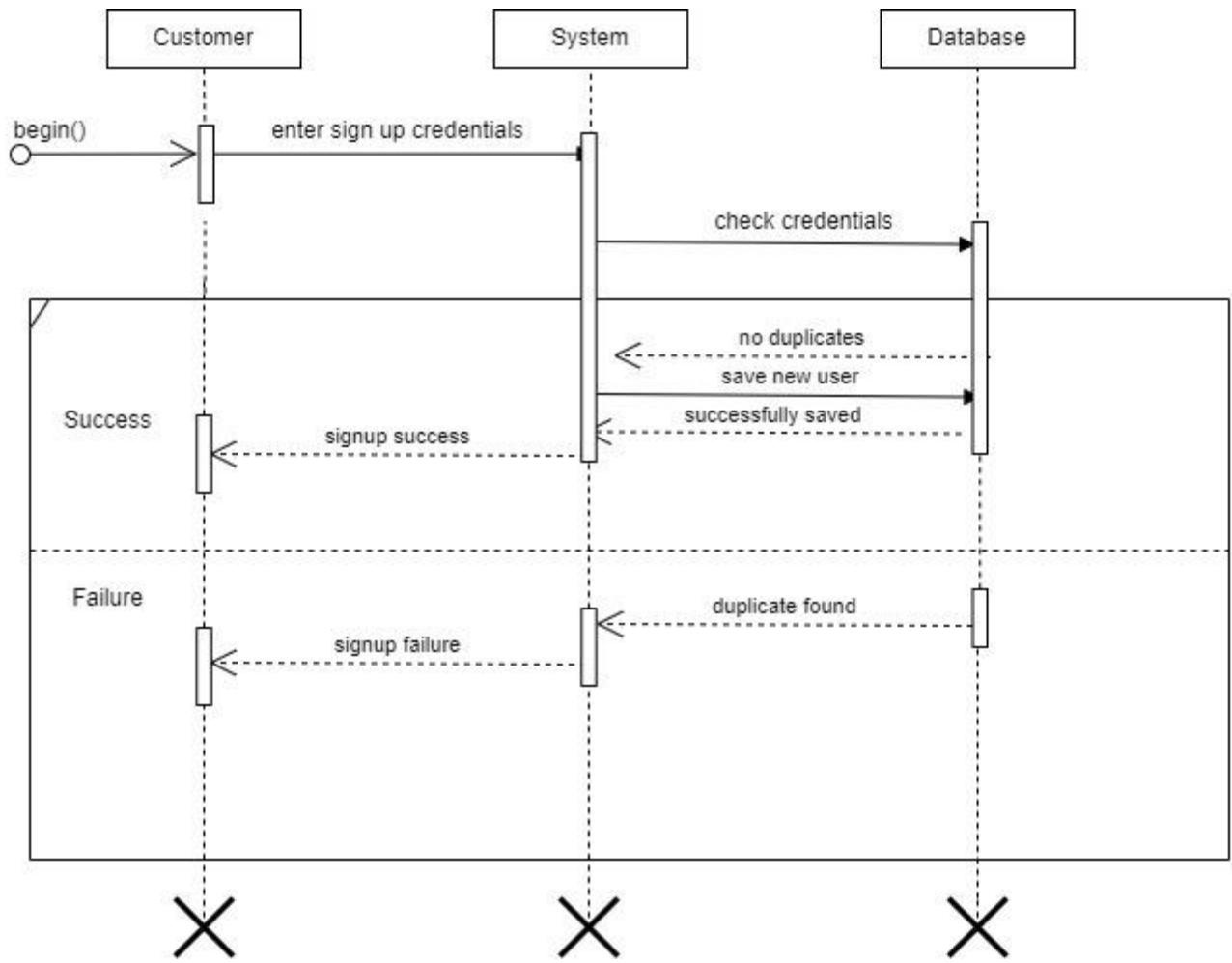
viewhomepage()



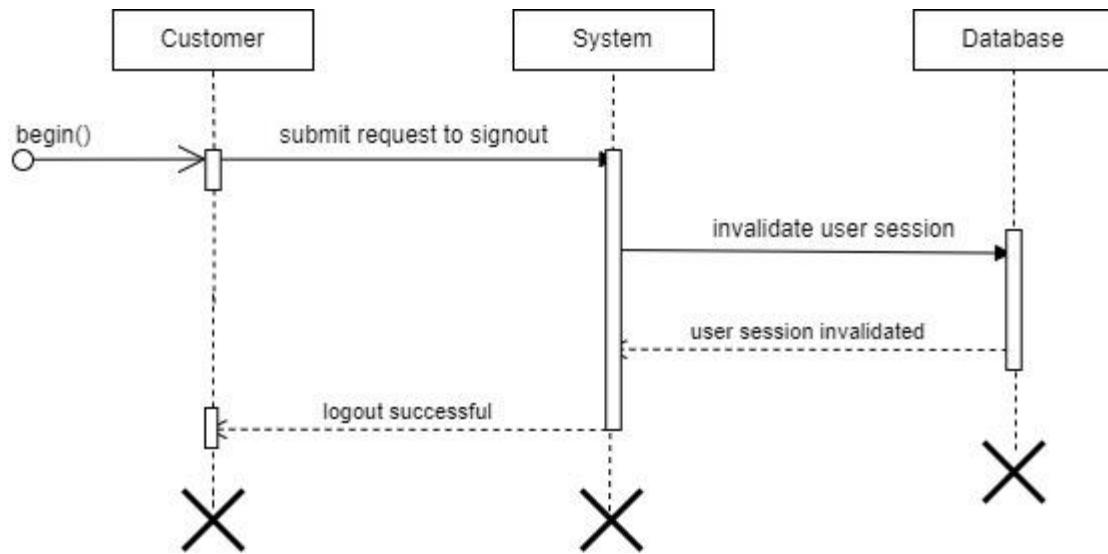
usermanagesprofile ()



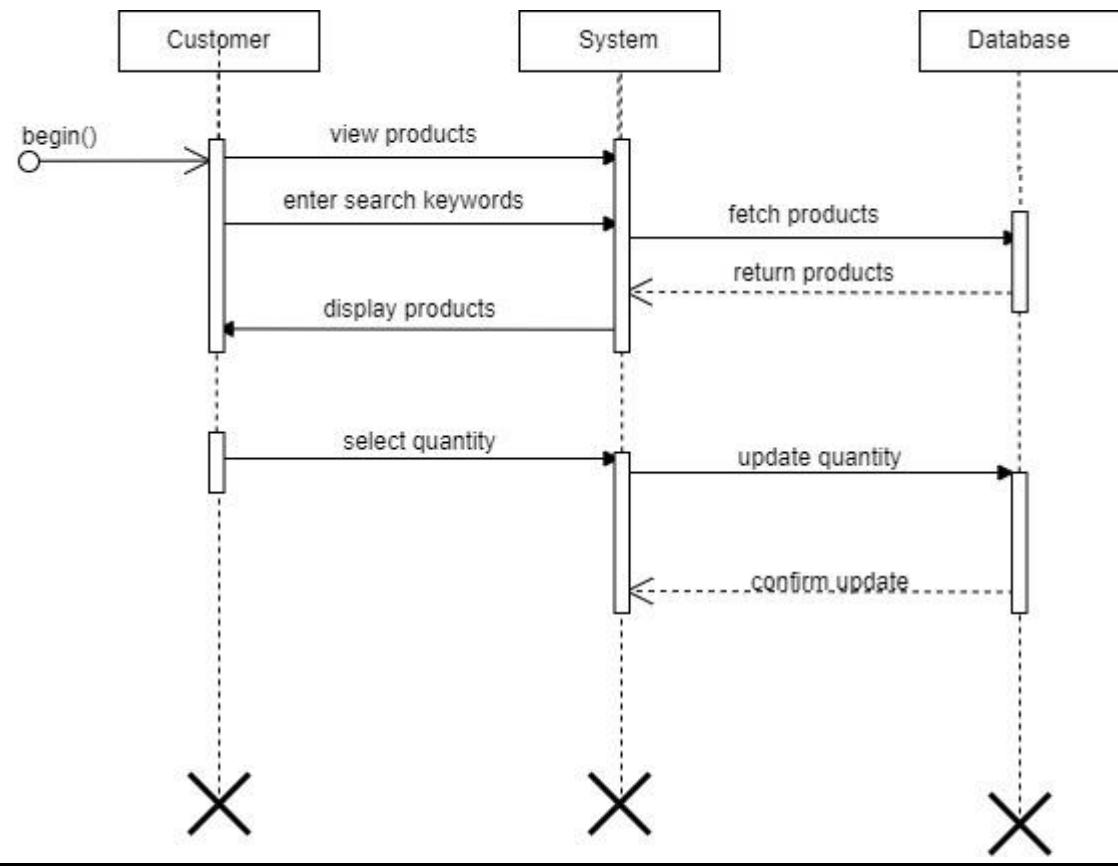
submitfeedback ()



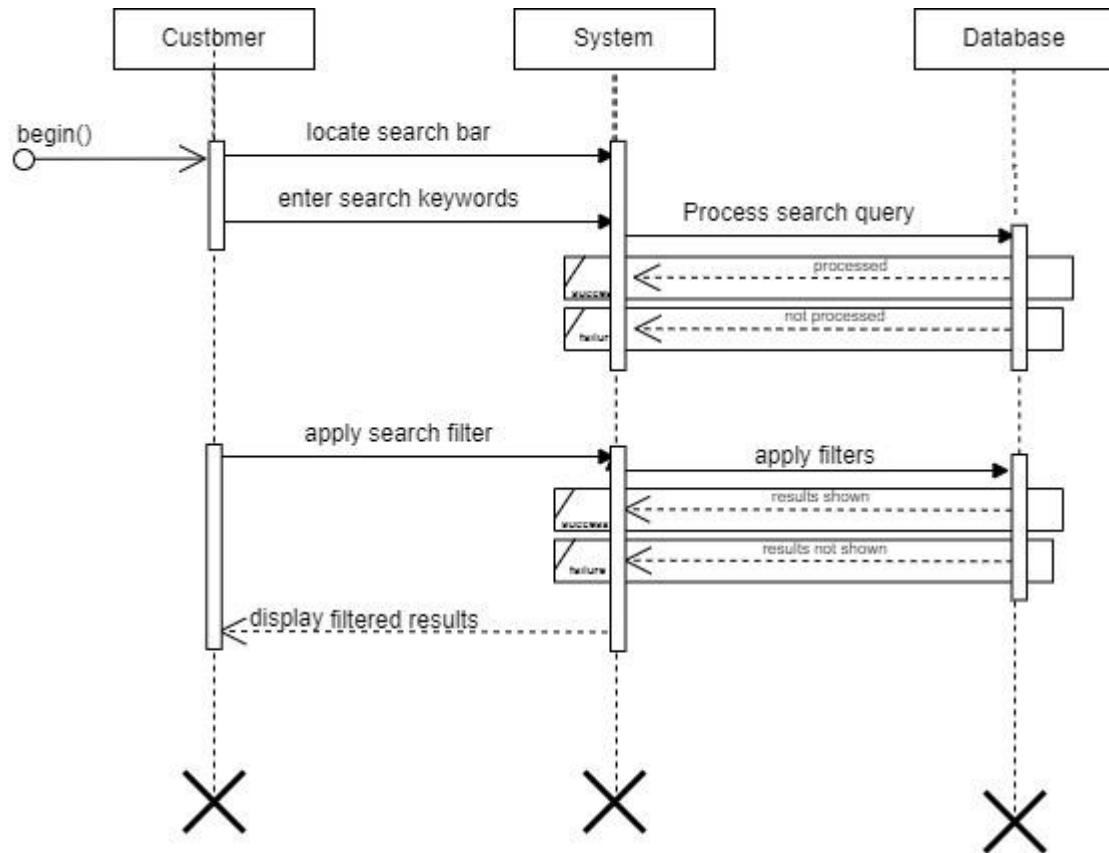
signup()



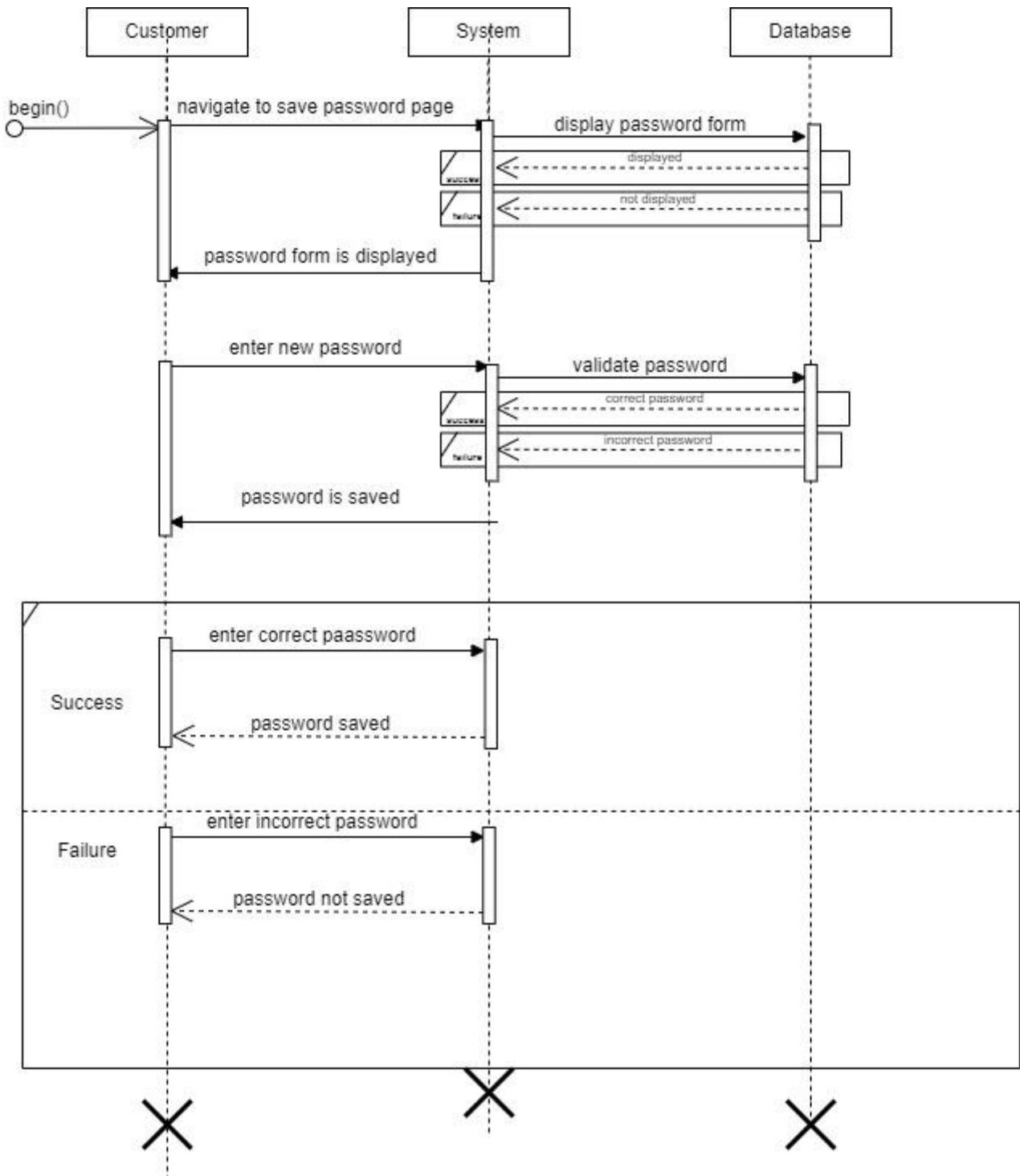
signout ()



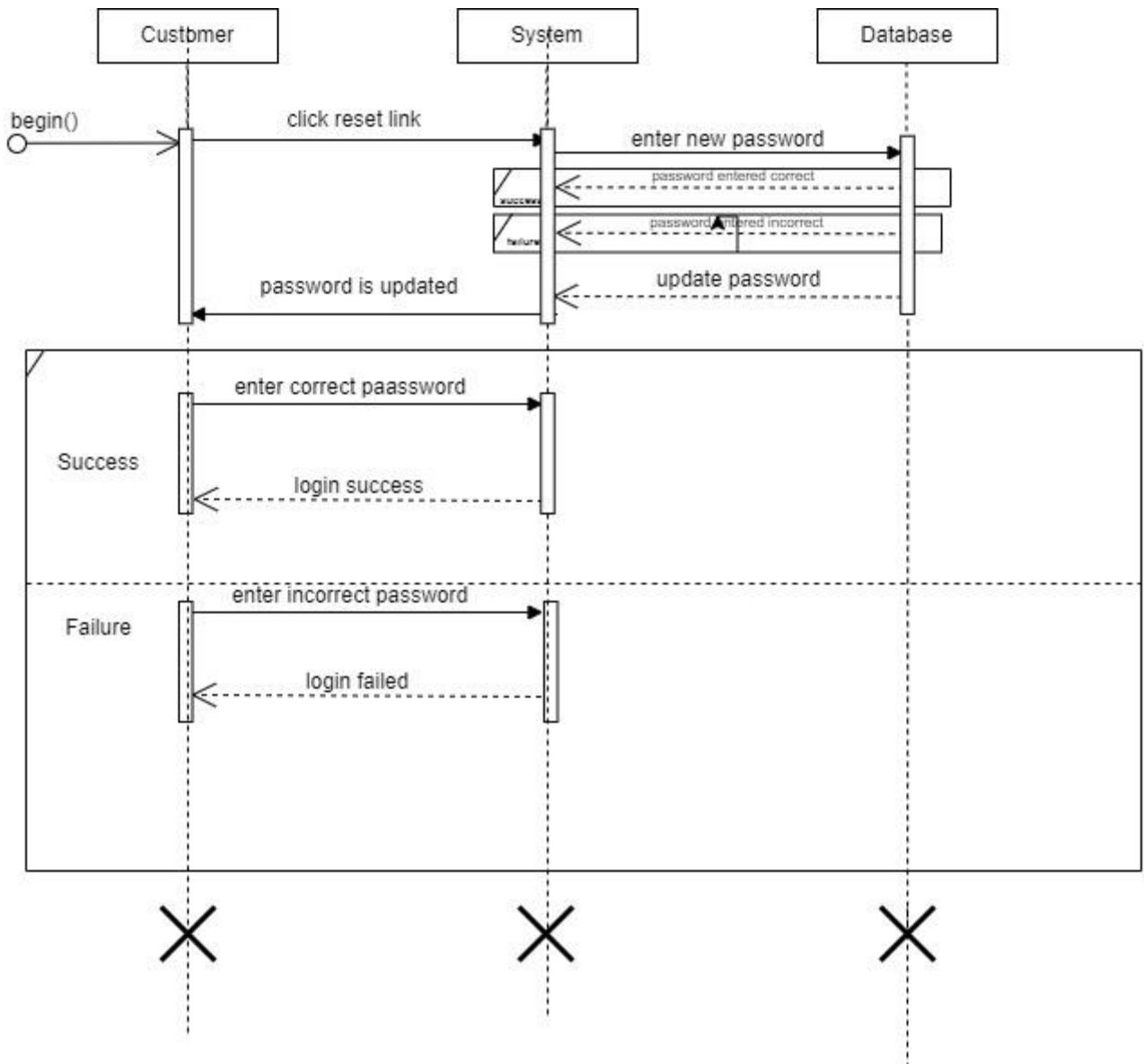
selectquantity ()



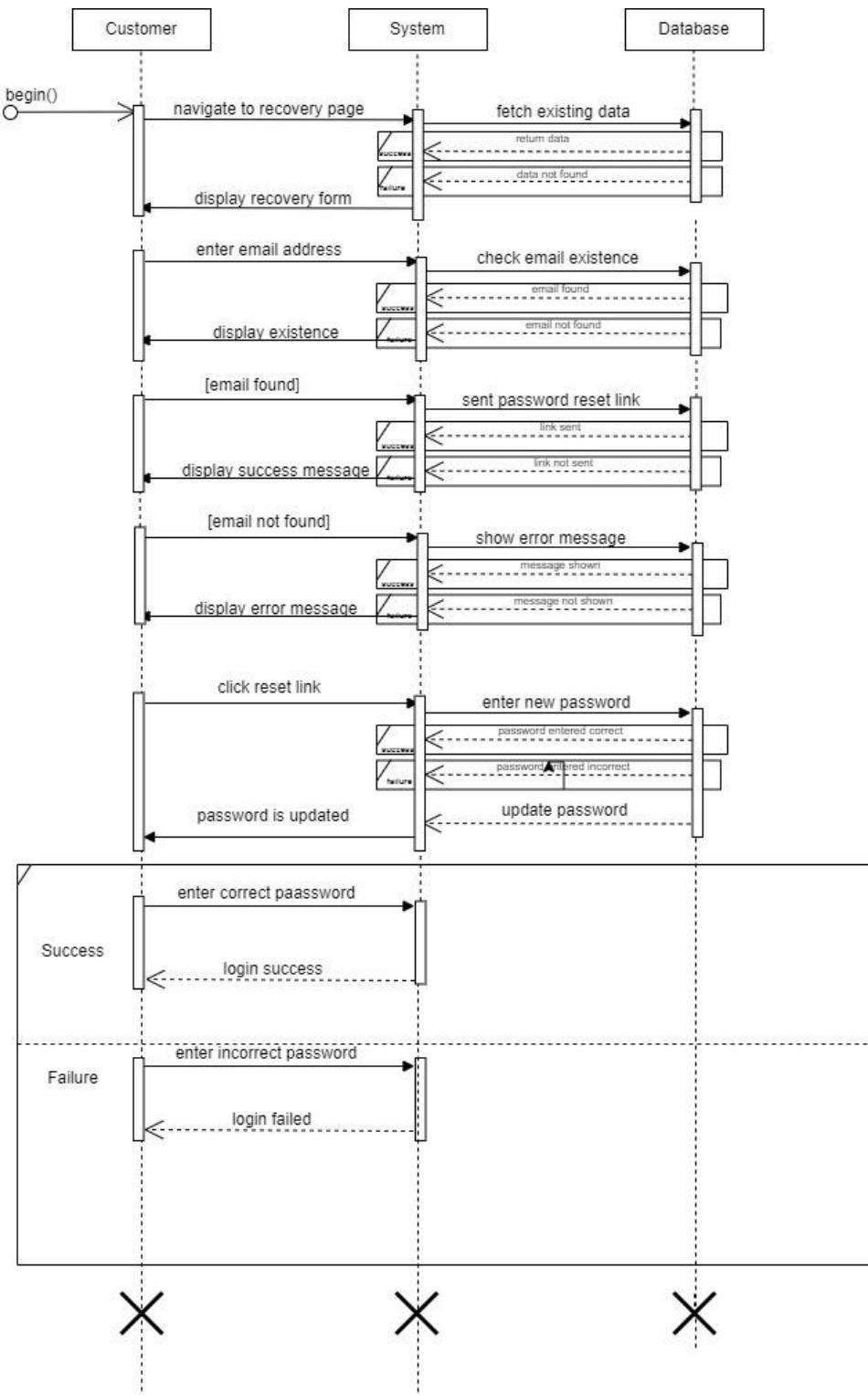
searchfilter ()



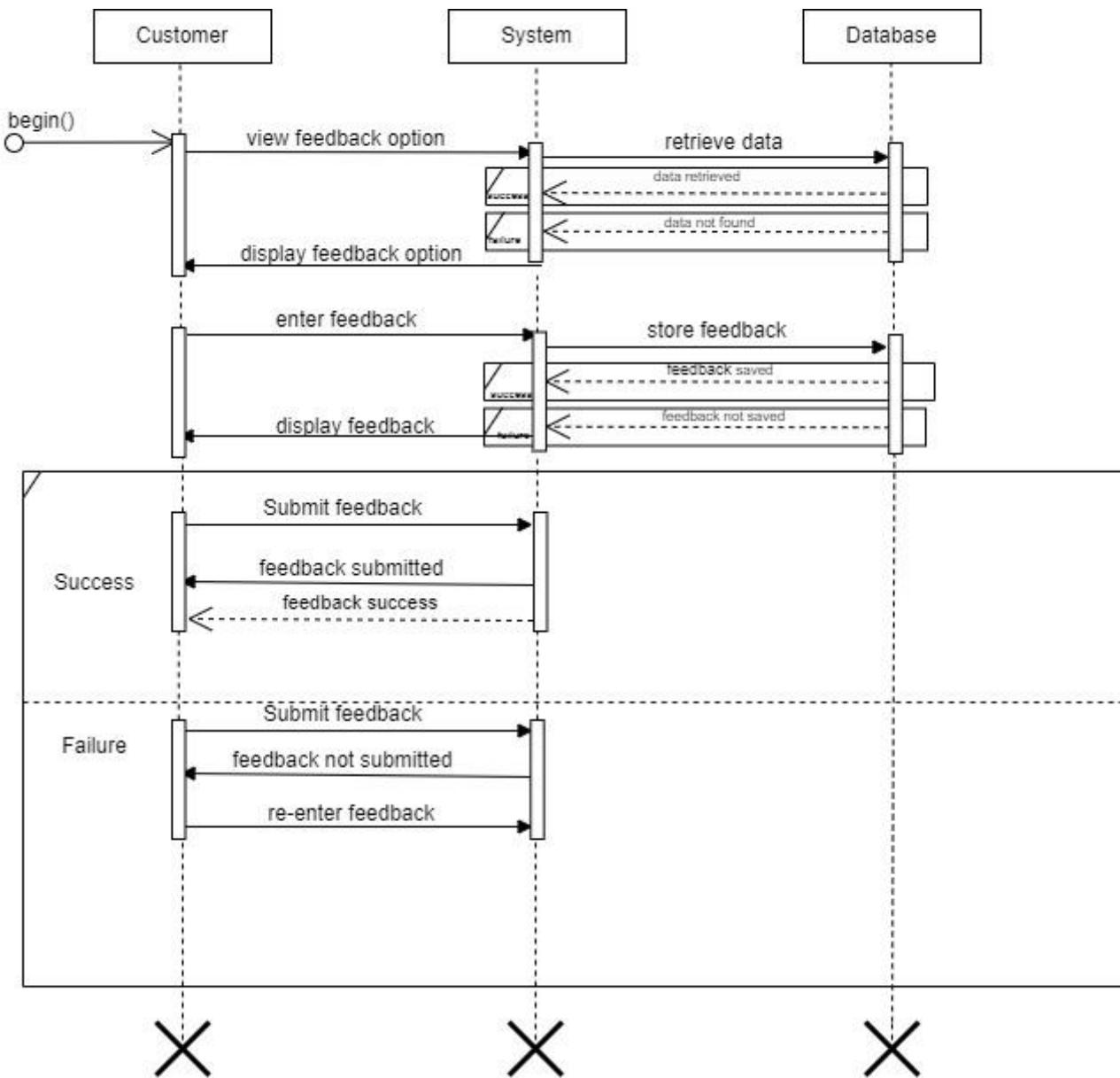
savepassword ()



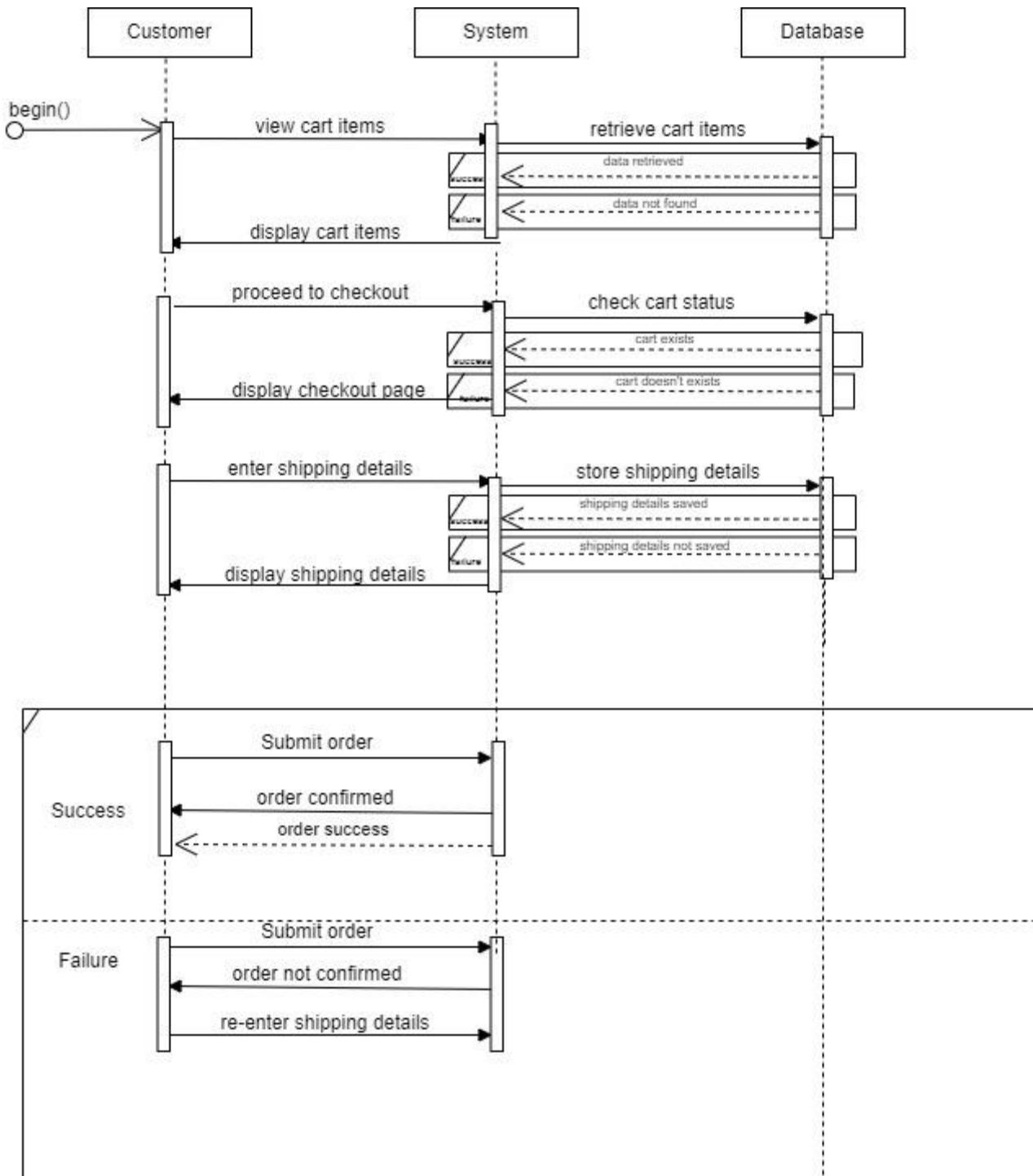
resetpassword()



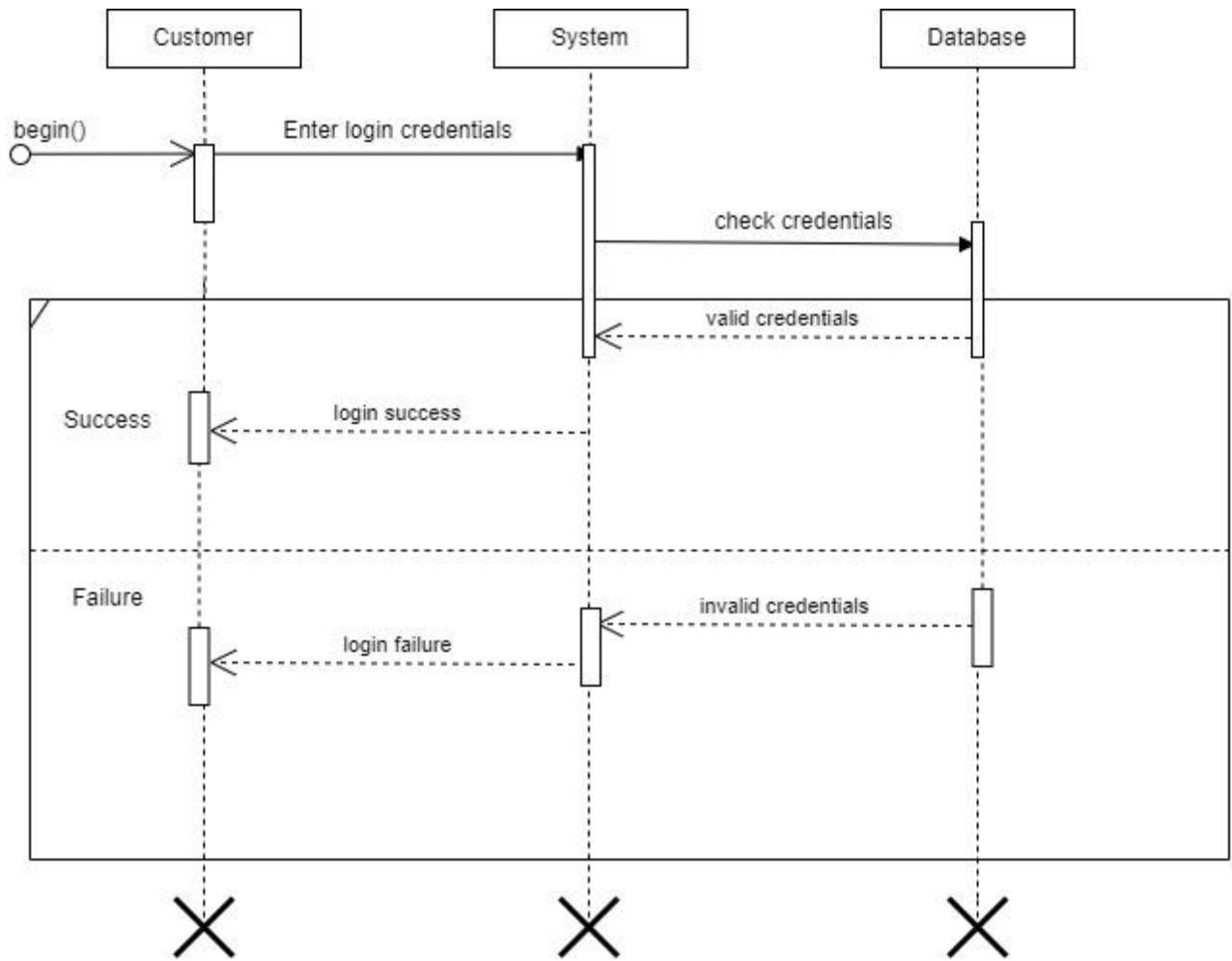
recoverpassword()



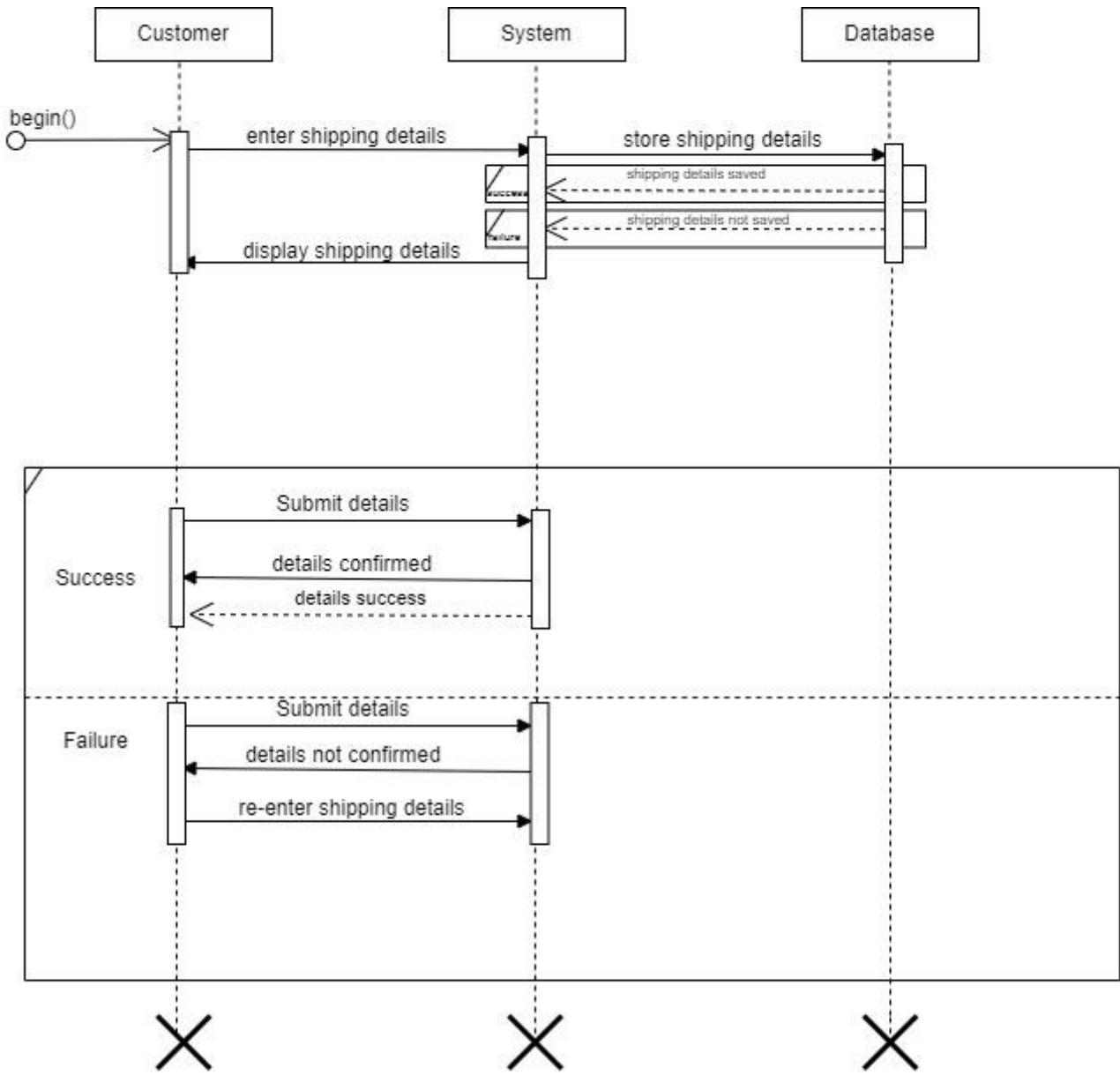
providefeedback()



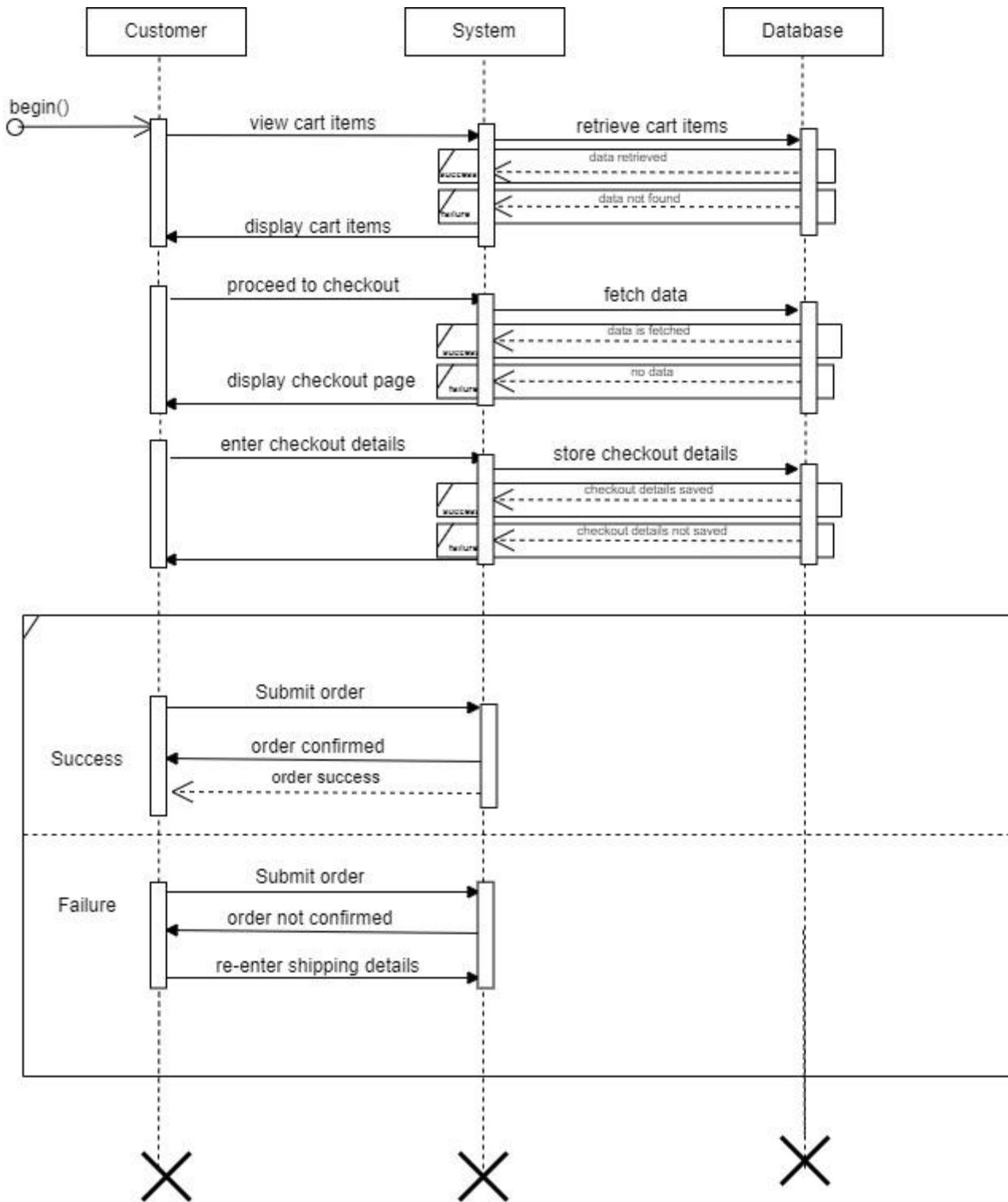
placeorder()



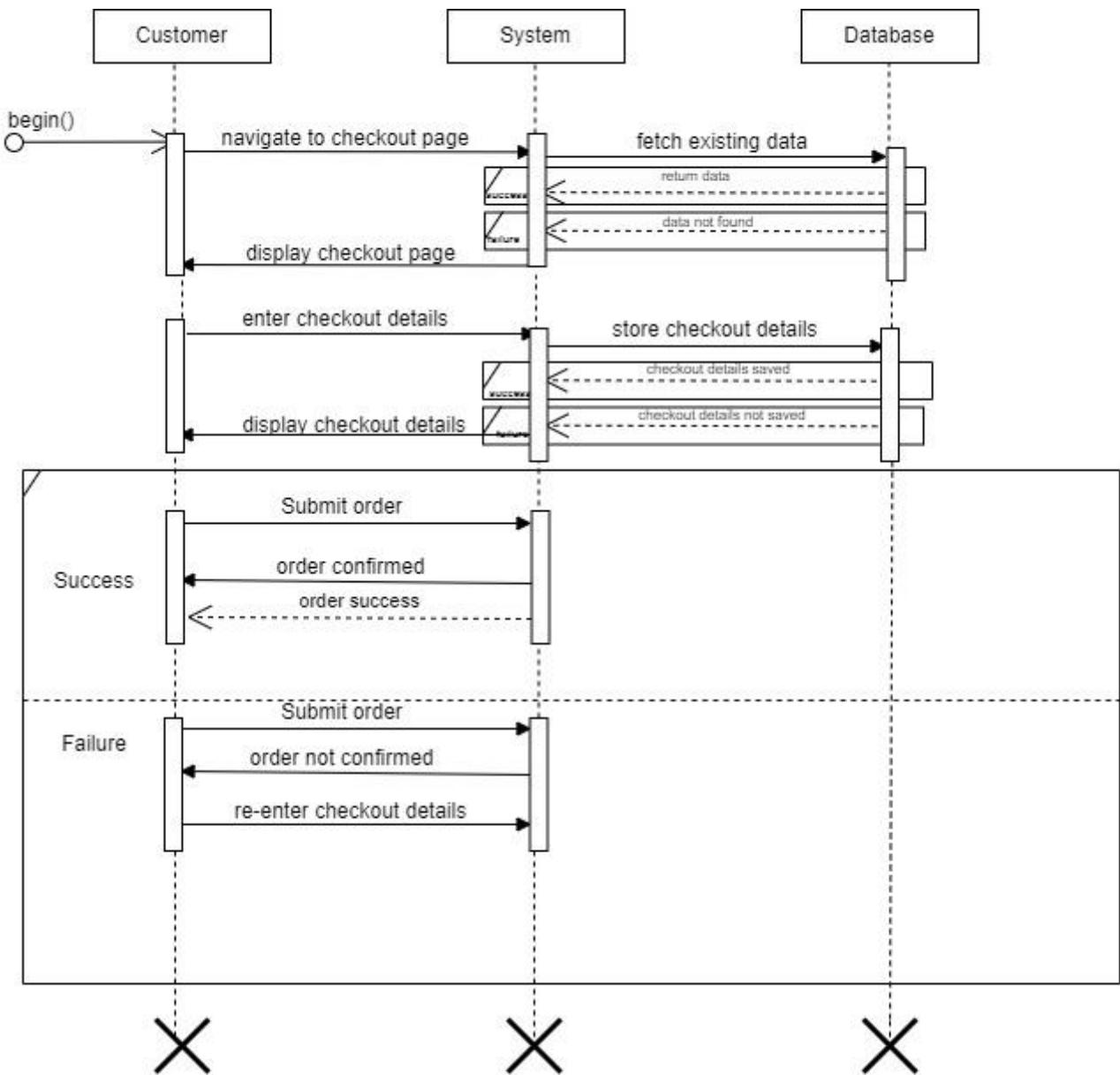
login()



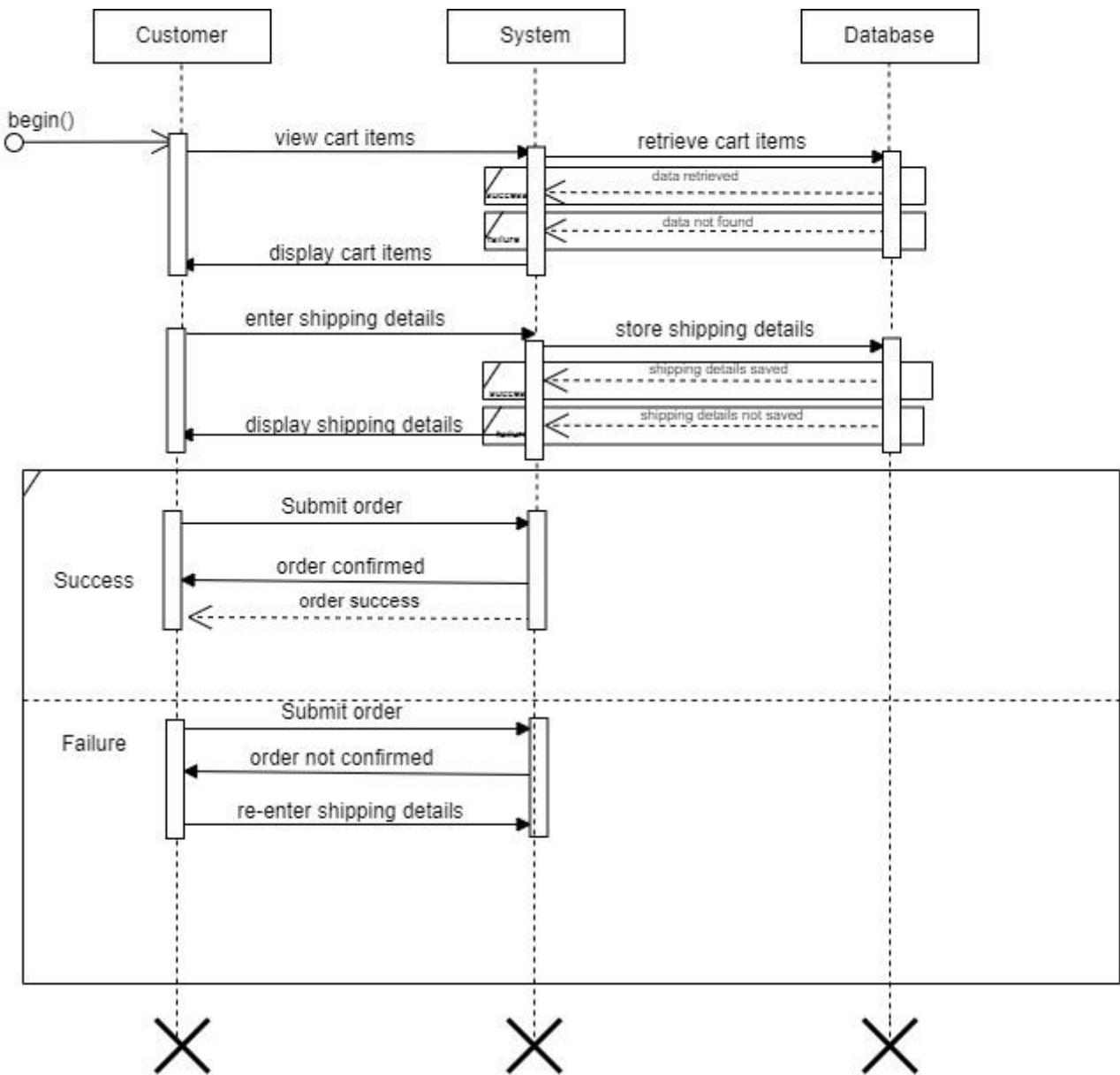
enterdetailsincheckout ()



confirmorder()



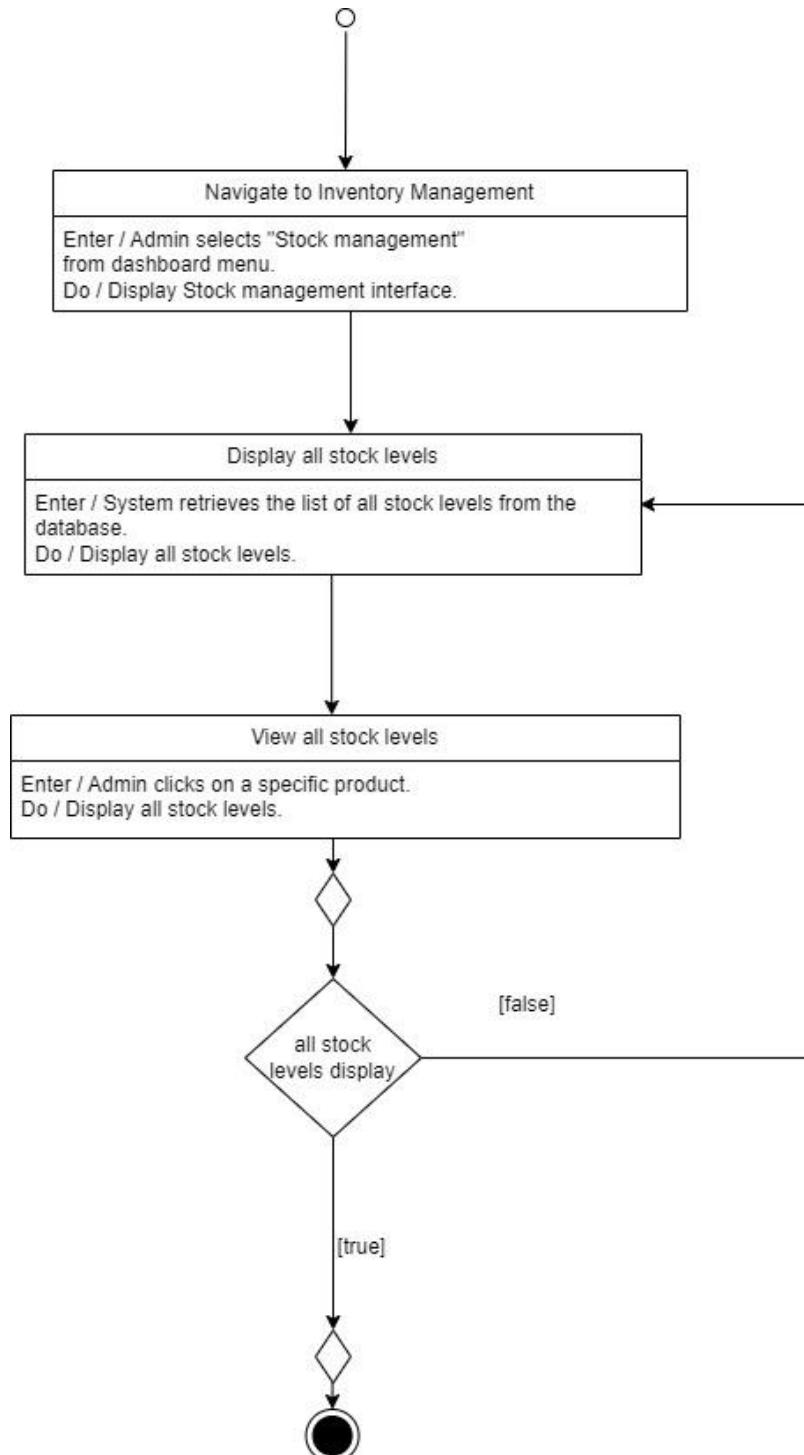
confirmcheckout()



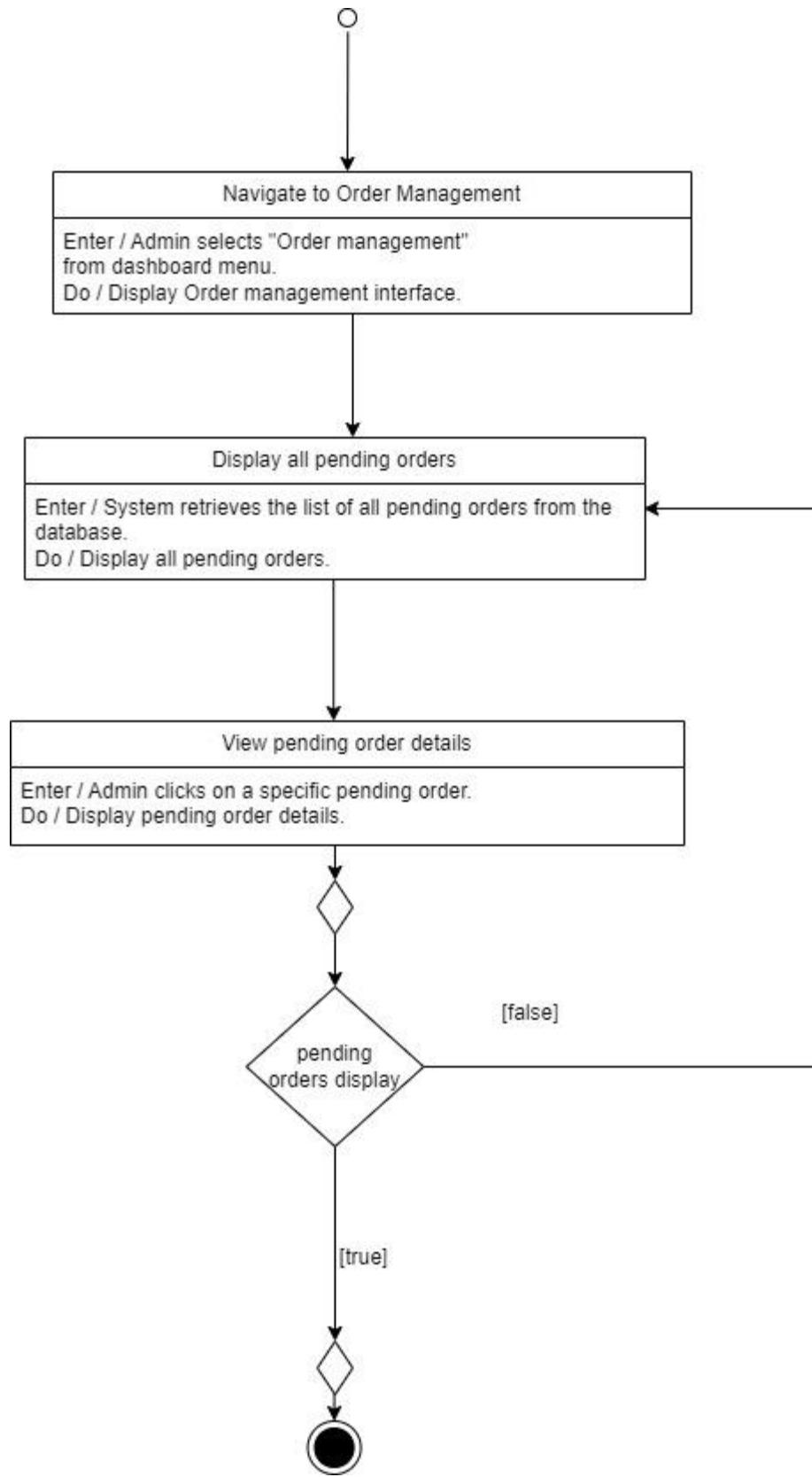
cancheckout()

# Sequence Diagram

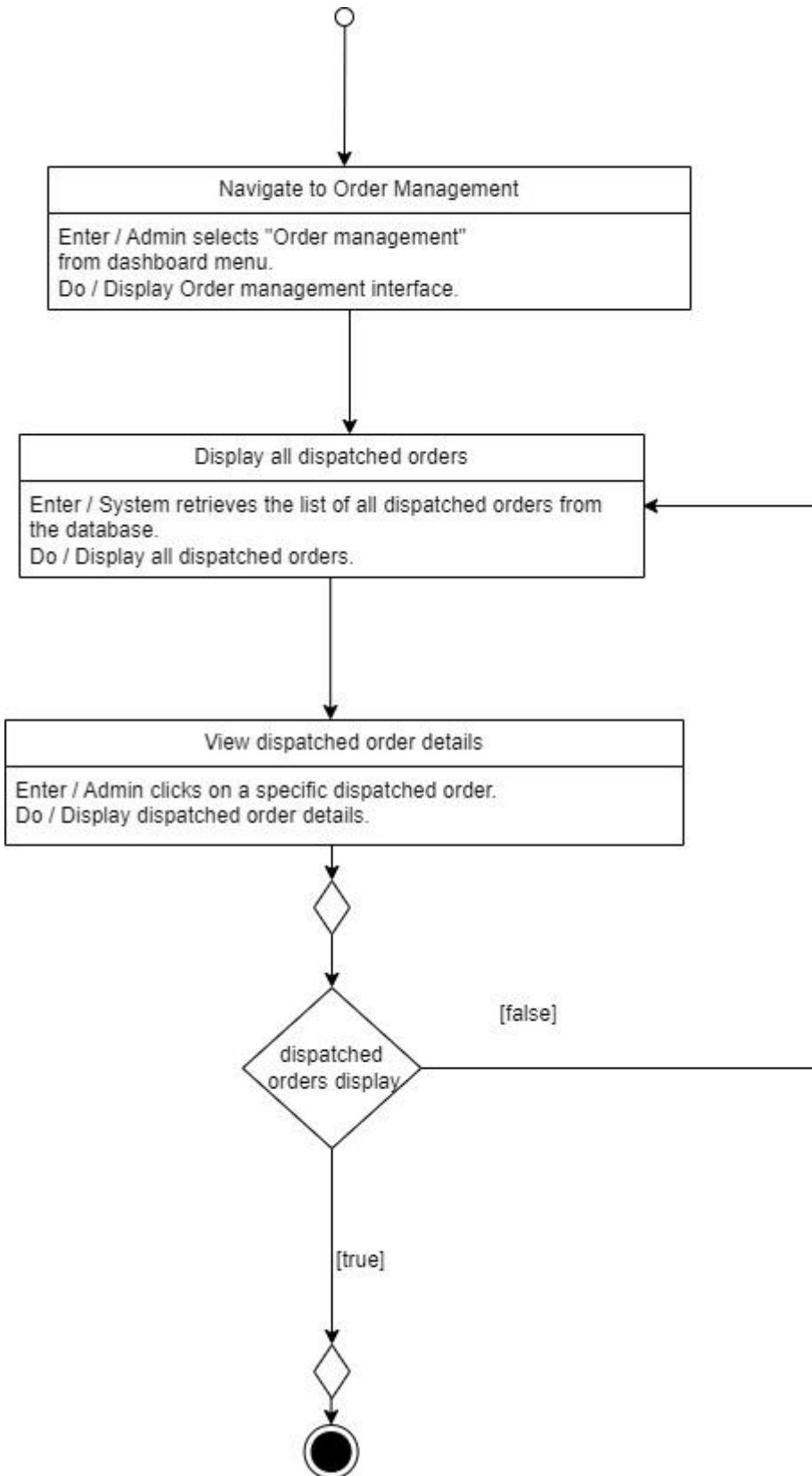
## Admin Side



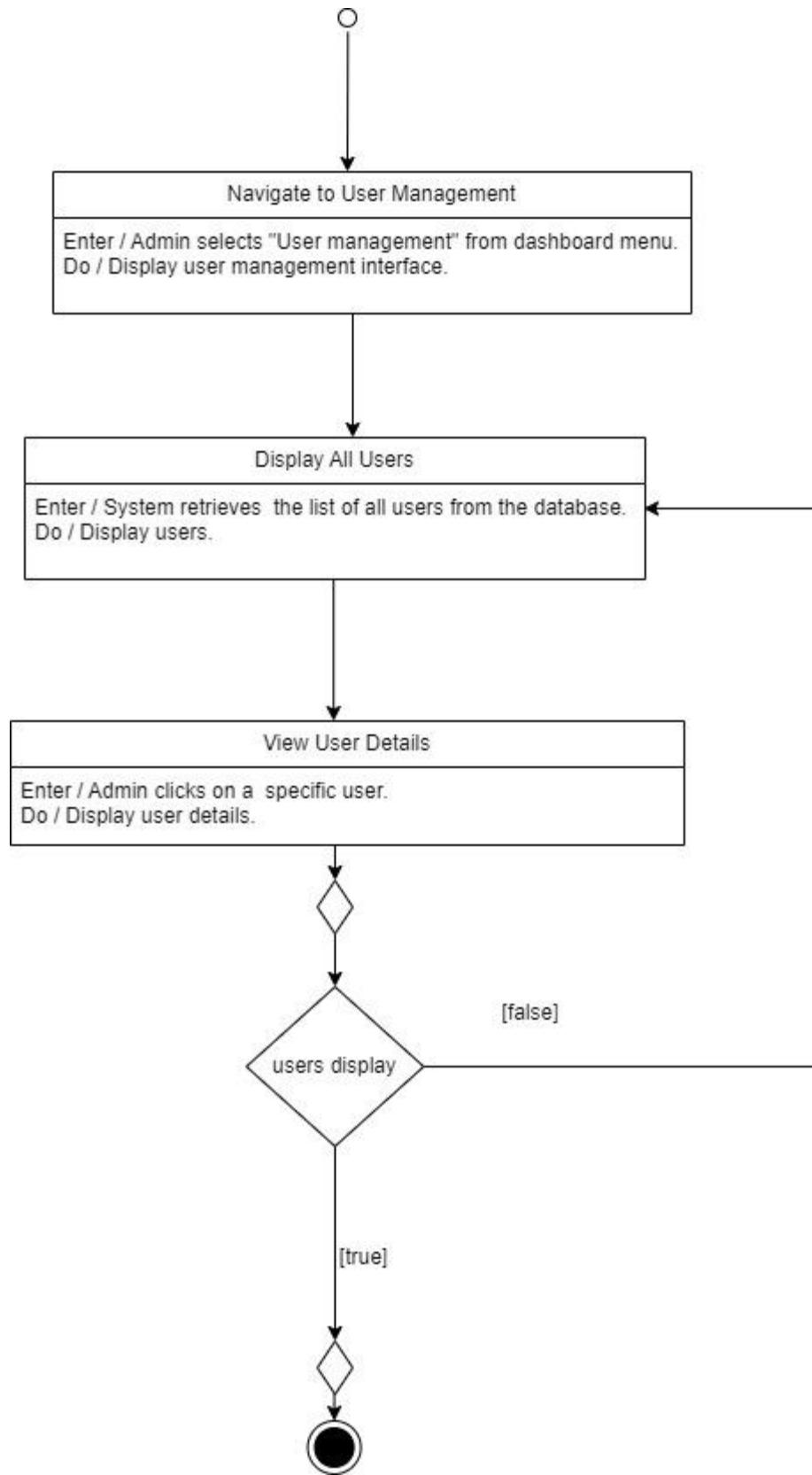
viewstocklevels ()



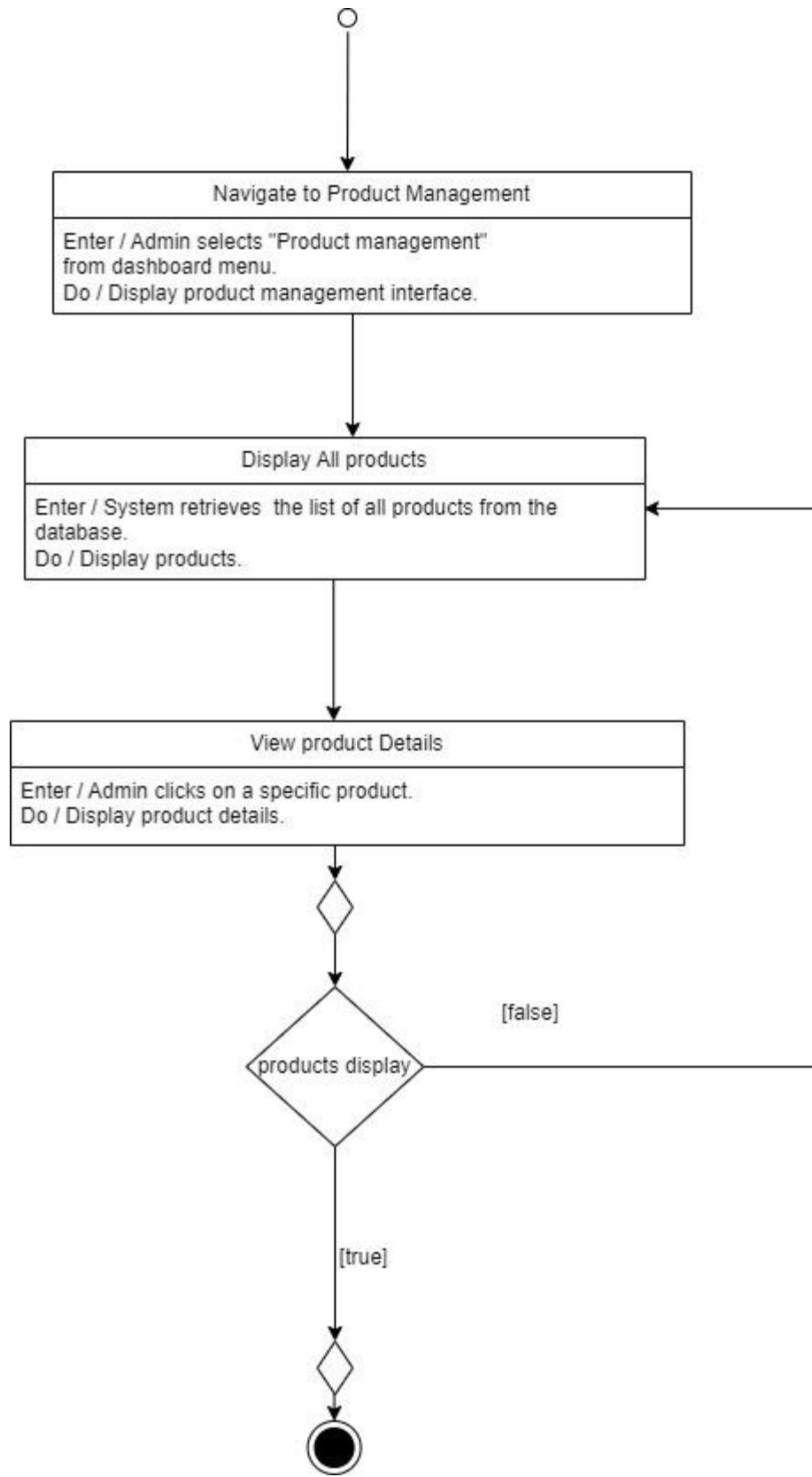
viewpendingorders()



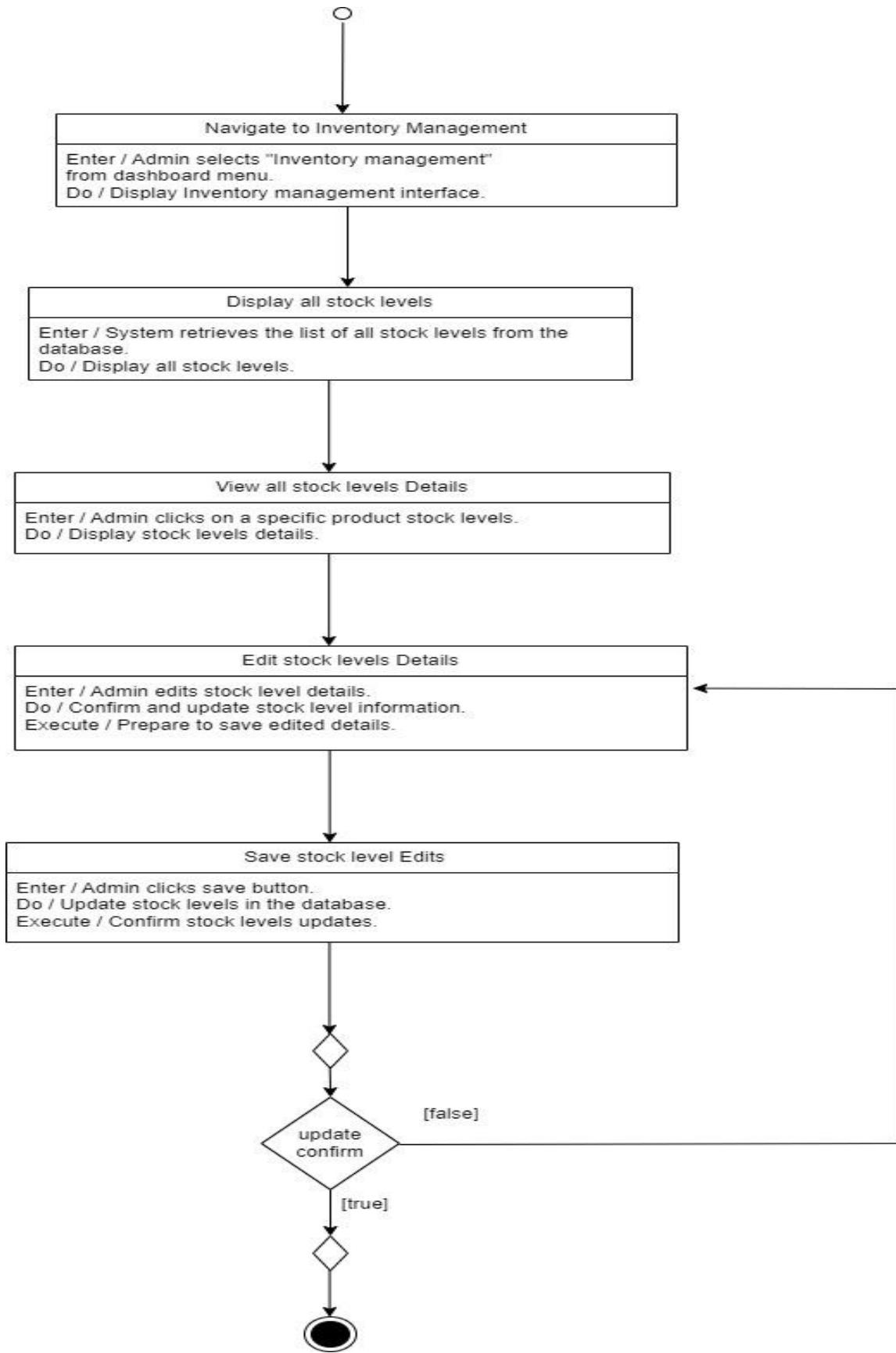
viewdispatchedorders()

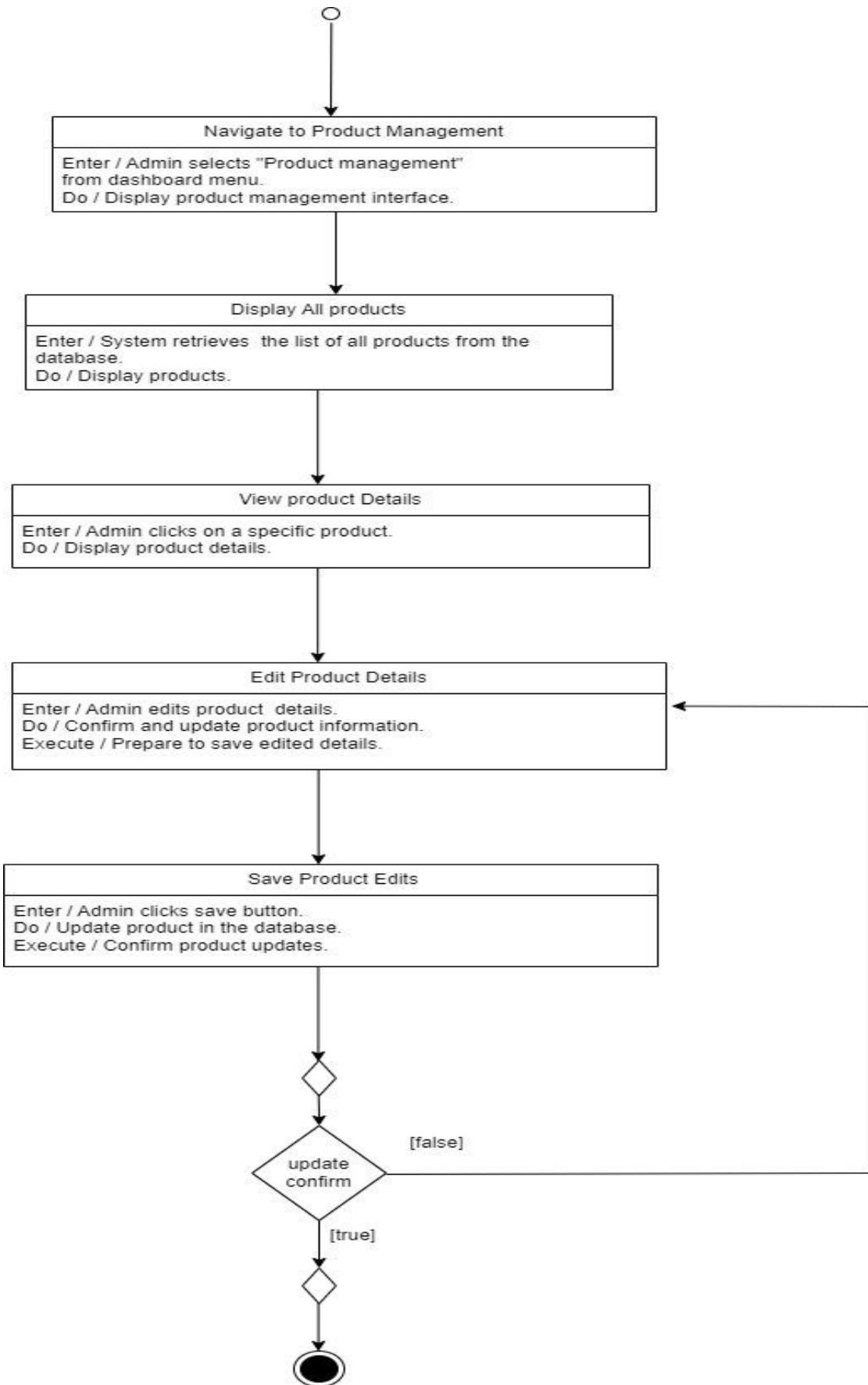


viewallusers()

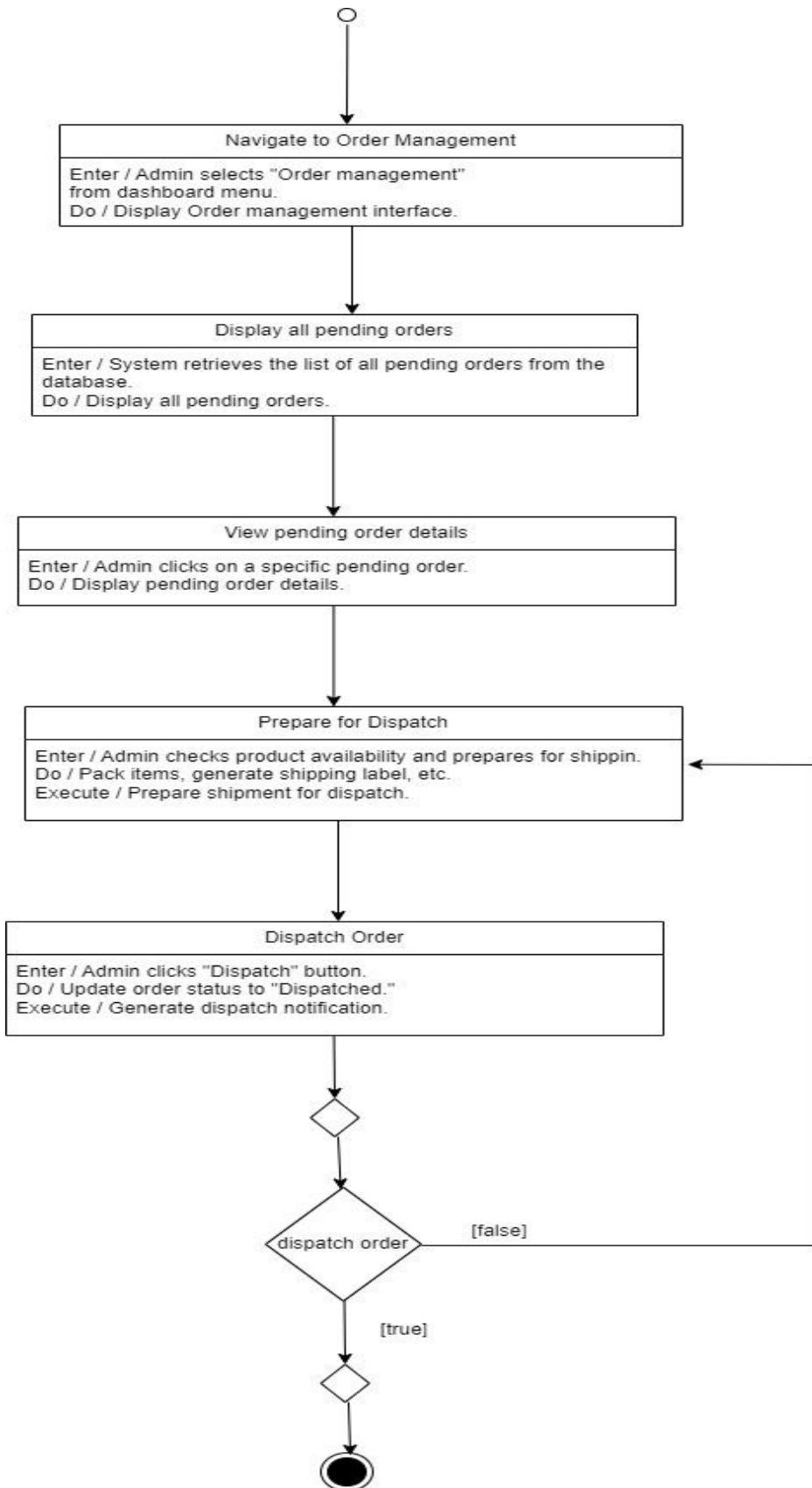


viewallproducts()

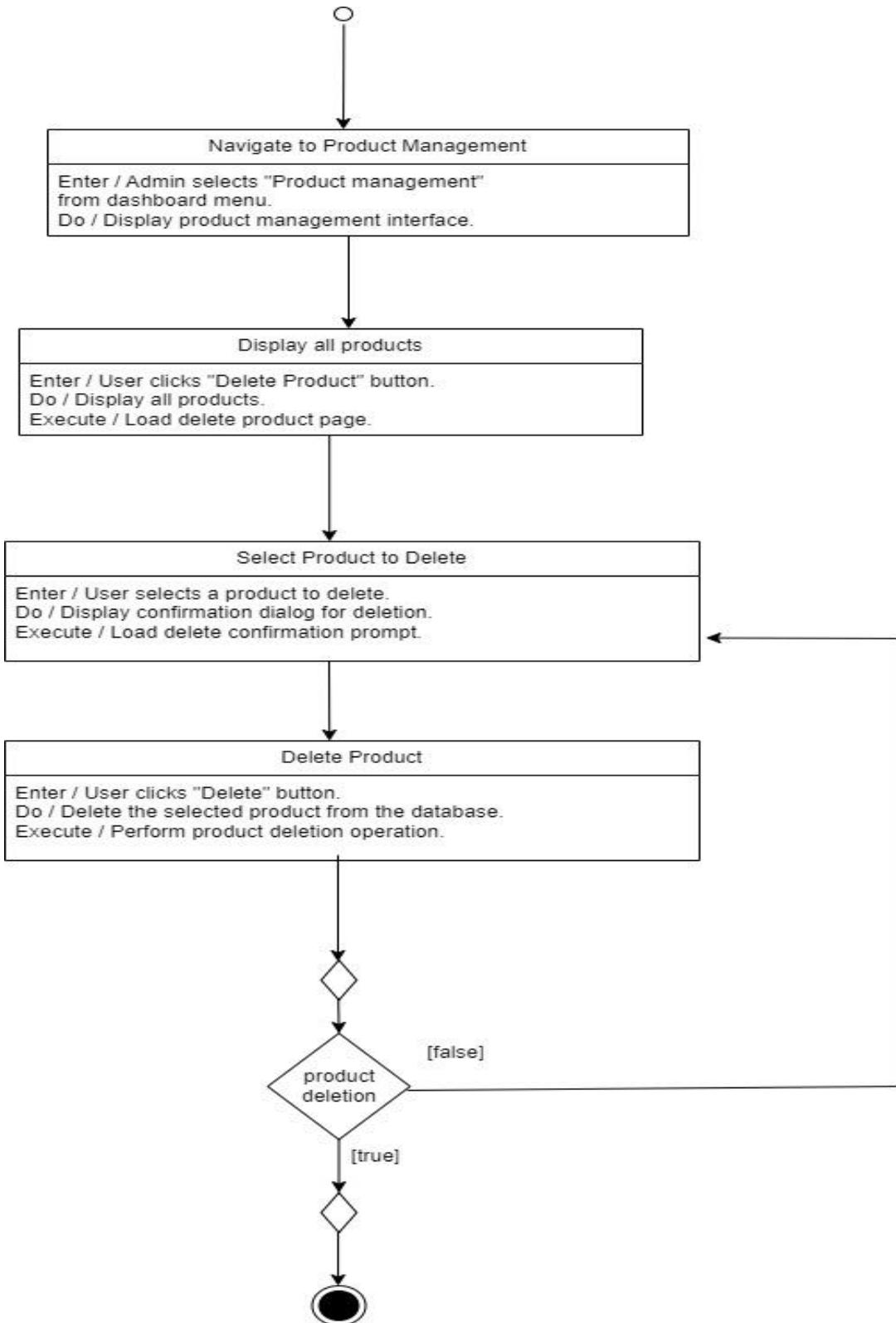




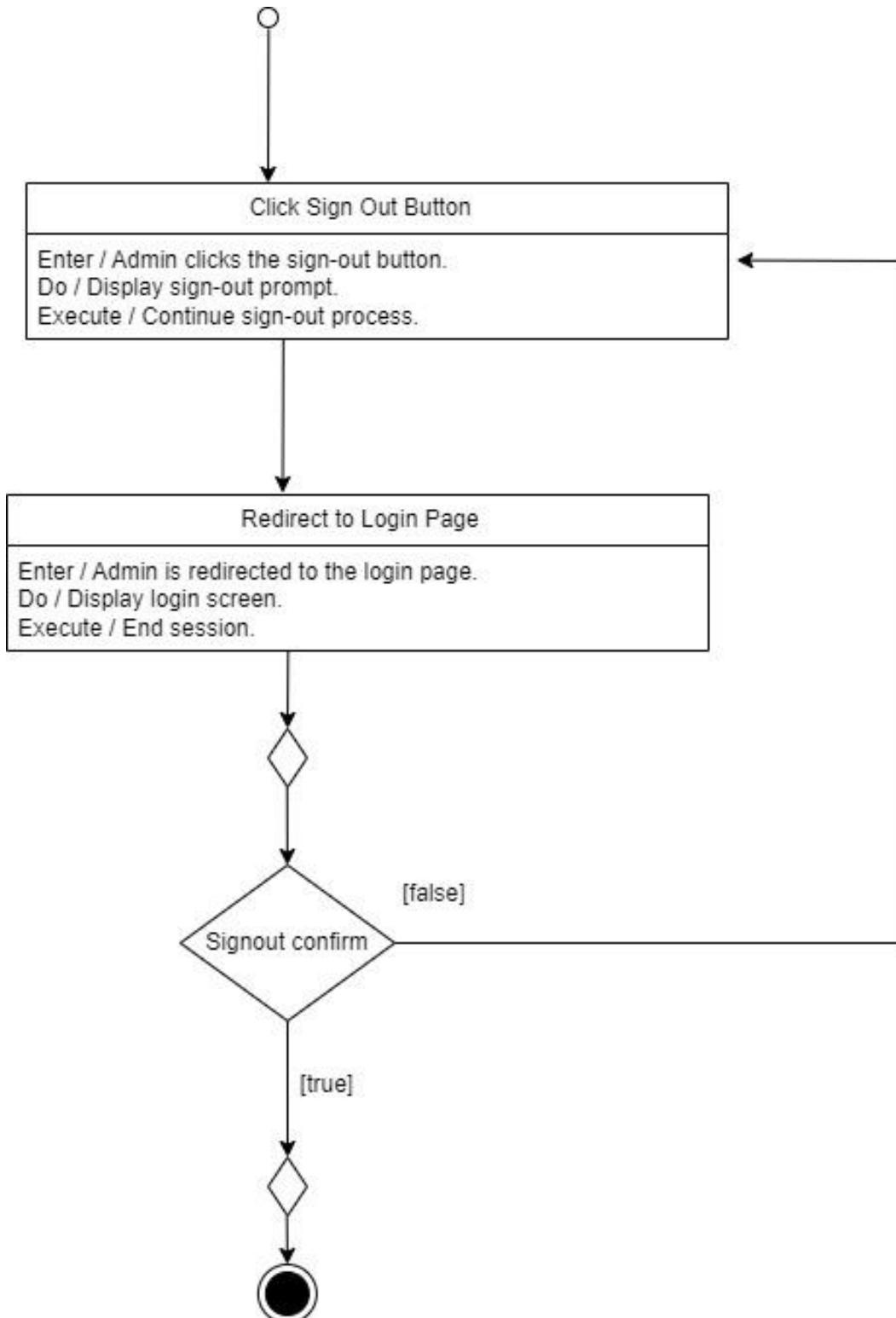
editproduct()



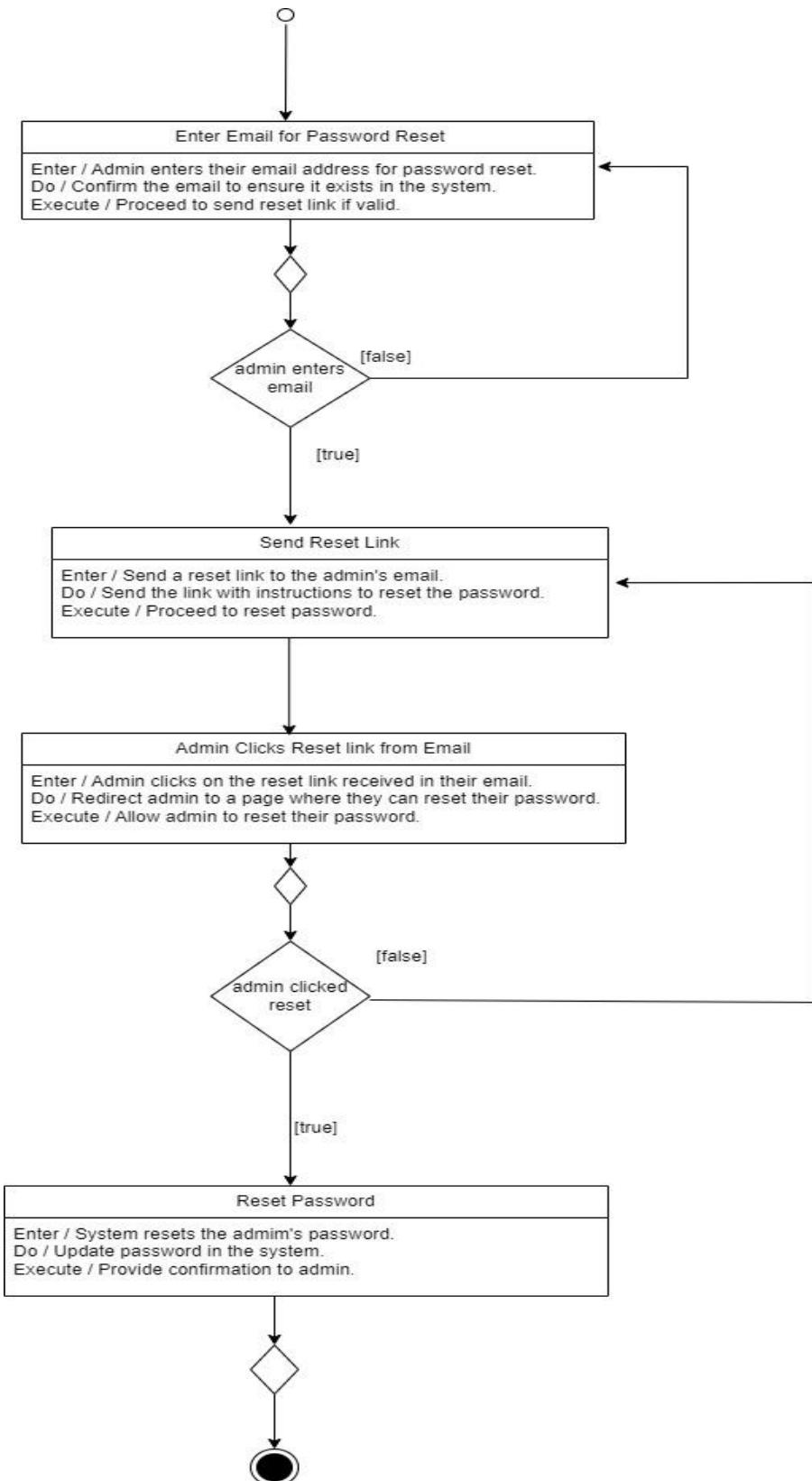
dispatchpendingorders()



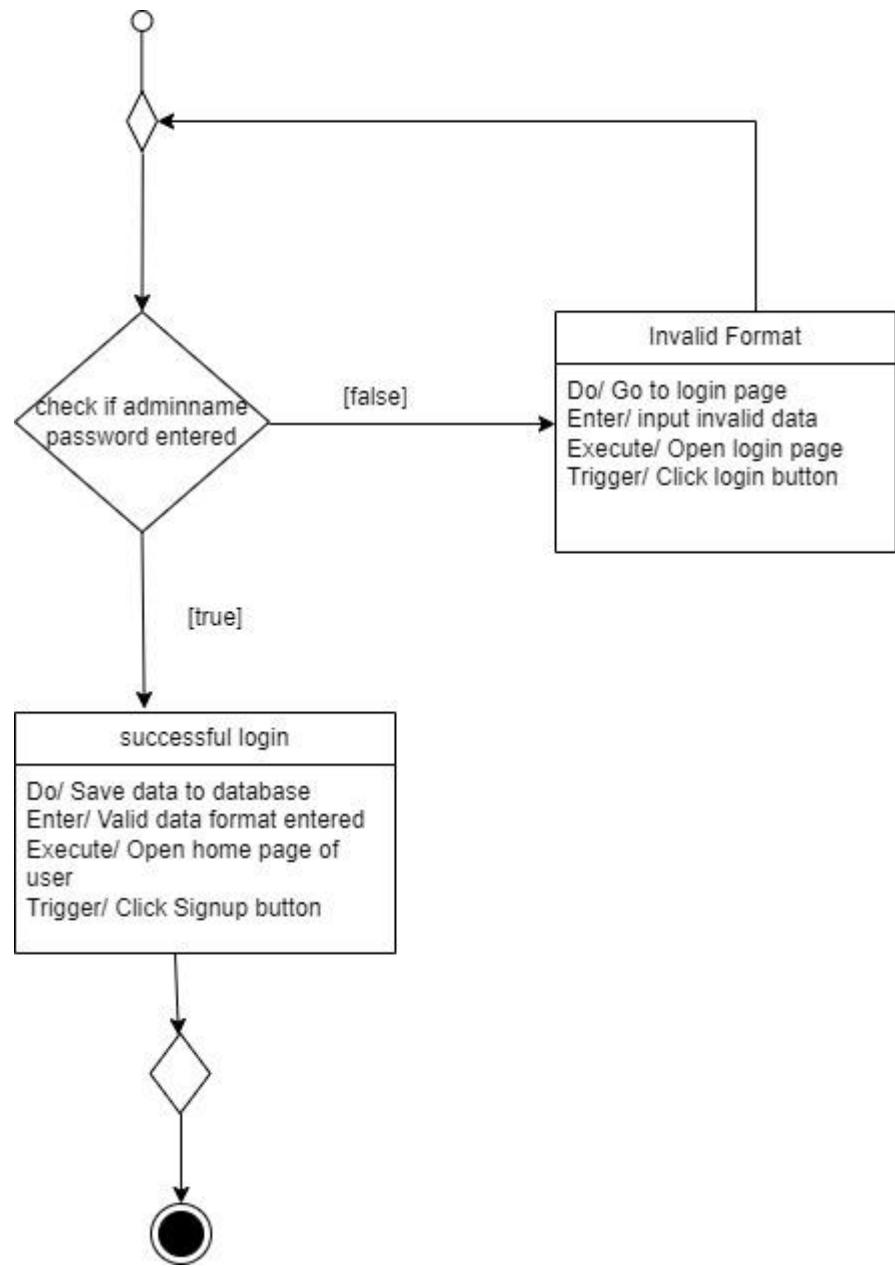
deleteproduct ()



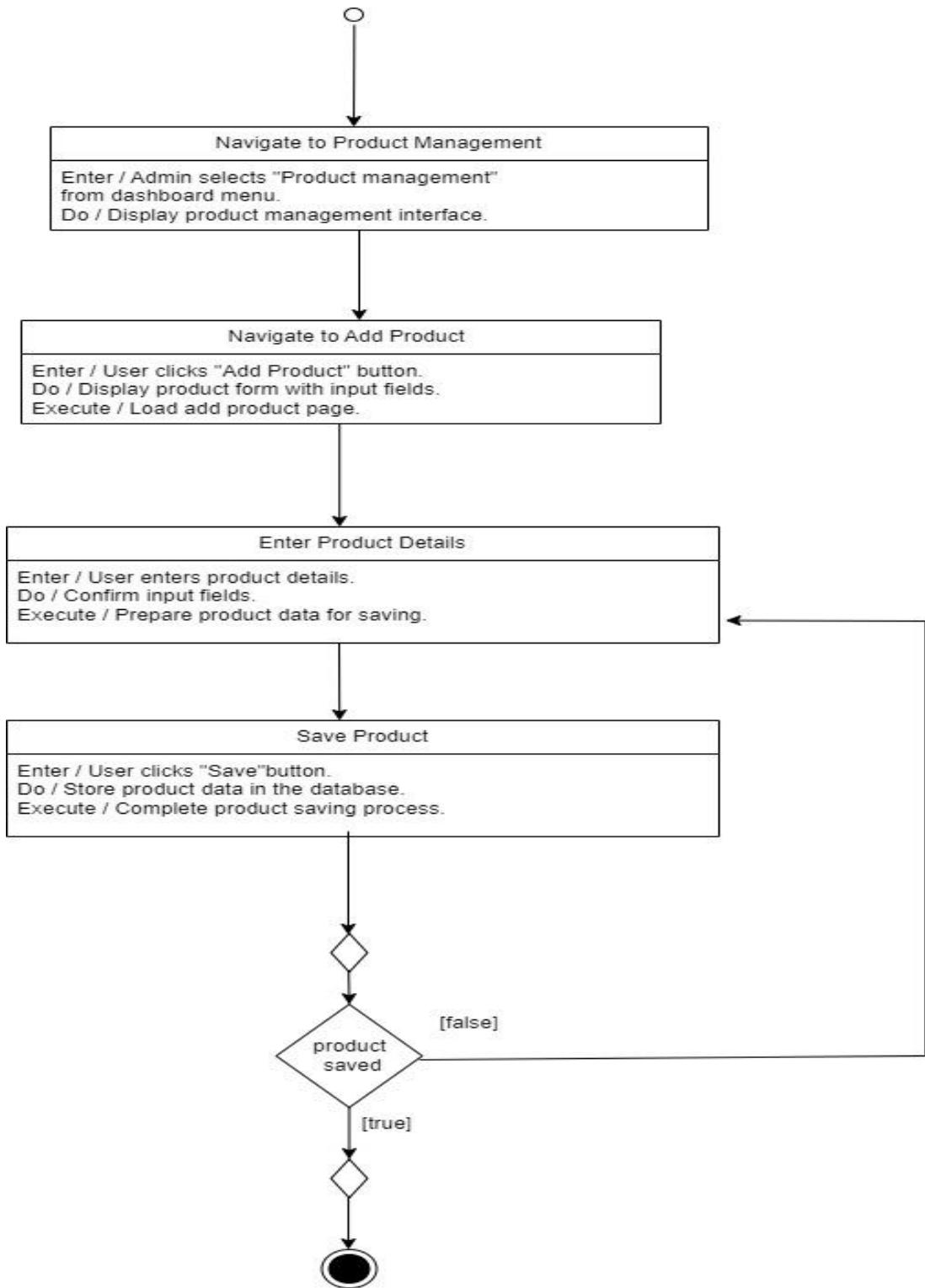
signout()



resetpassword()

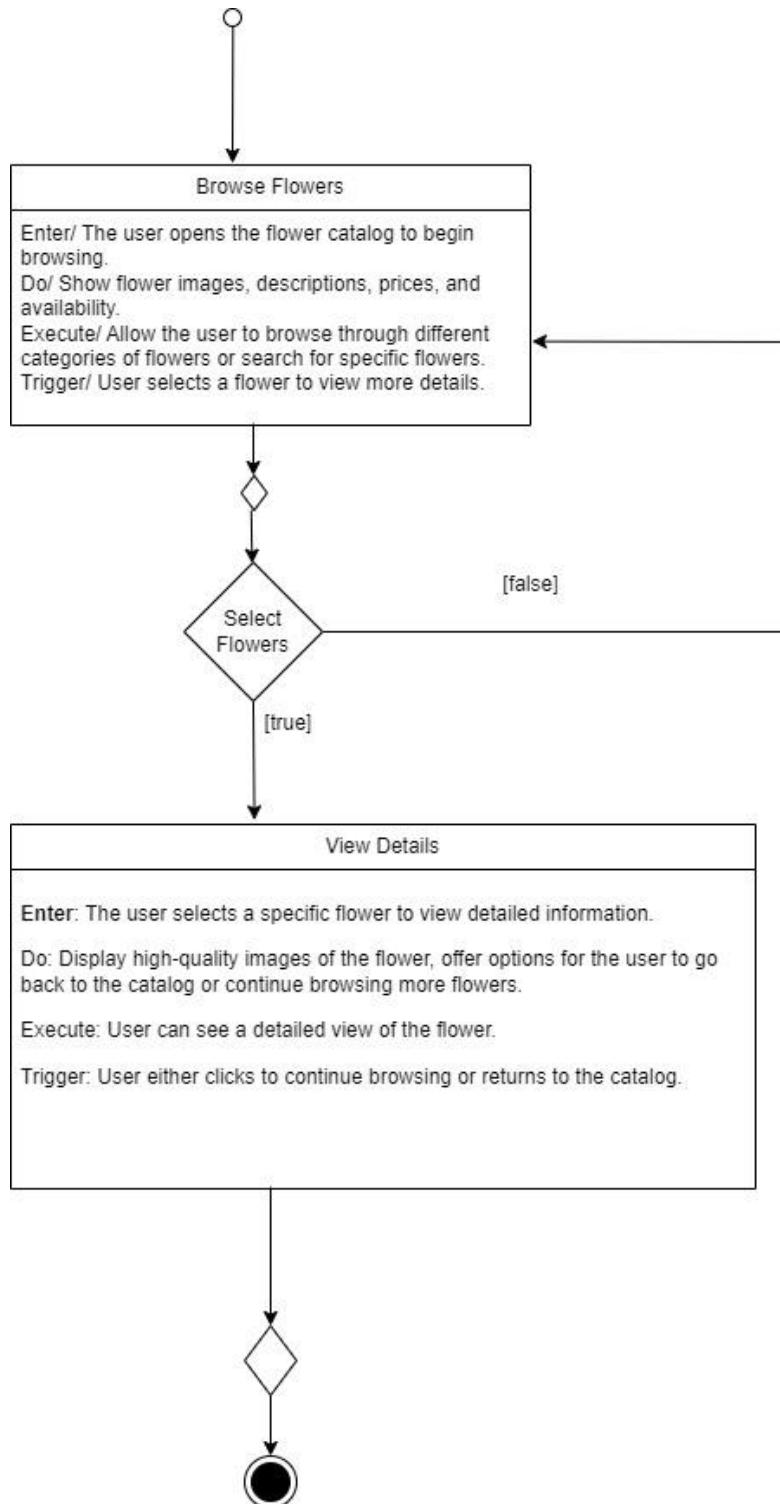


login()

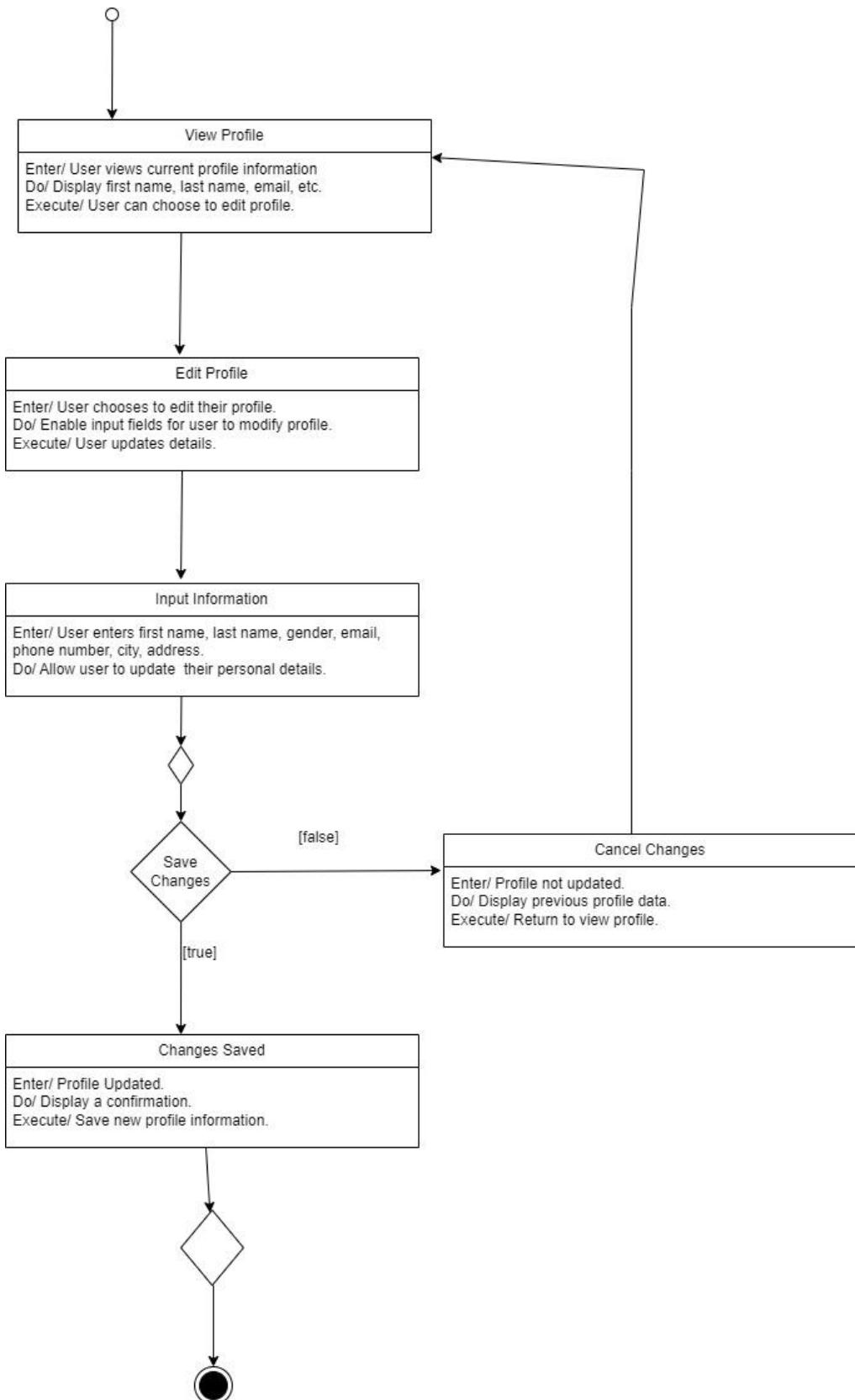


addproduct()

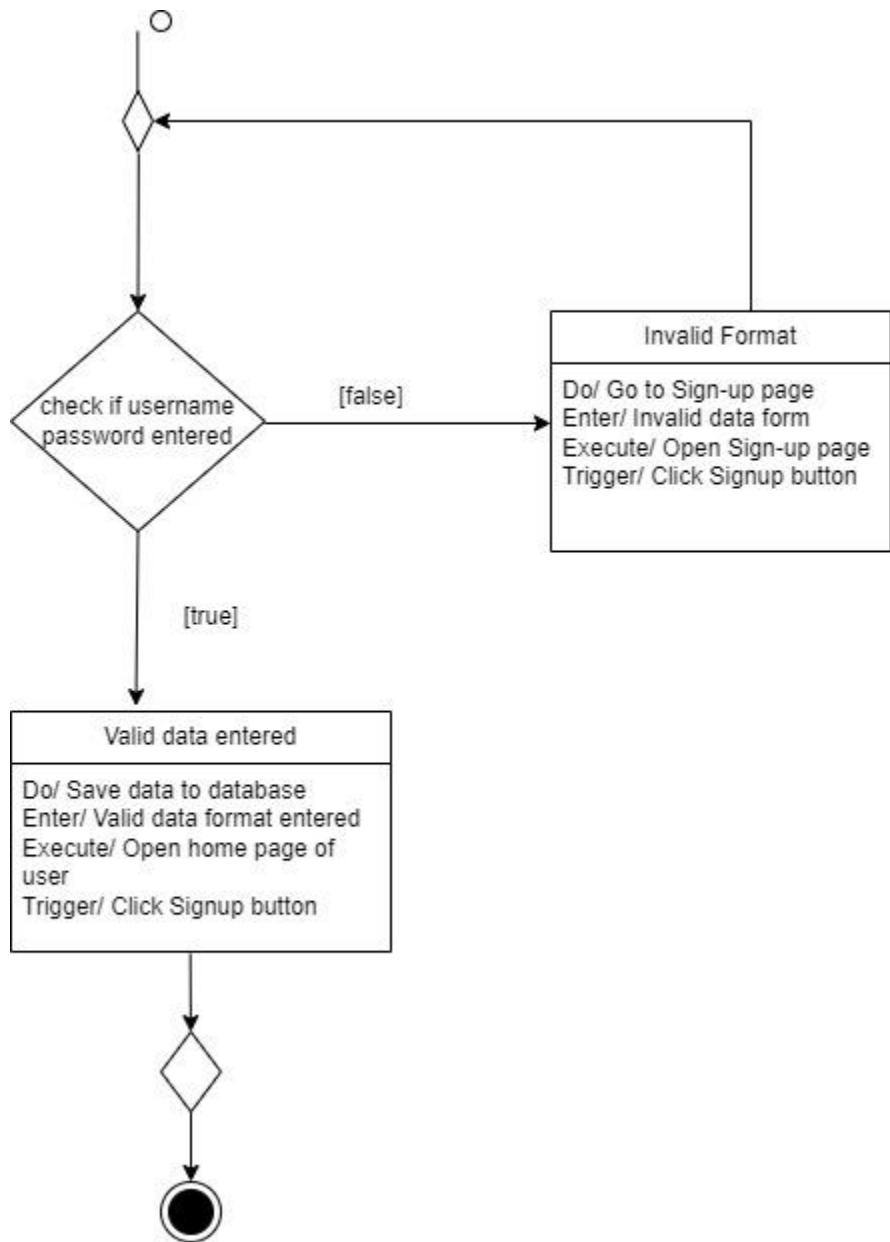
# Customer Side



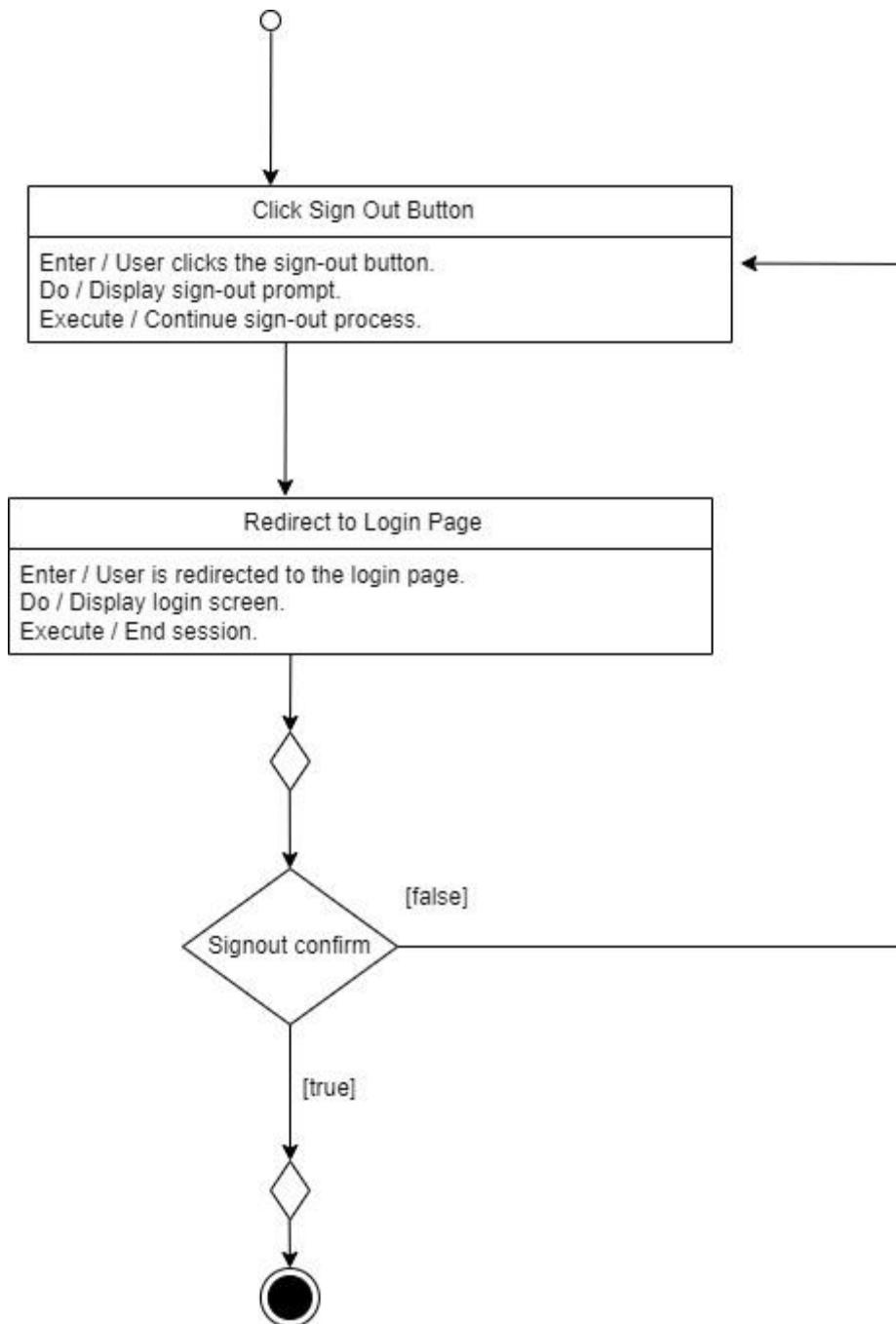
visitflowershop ()



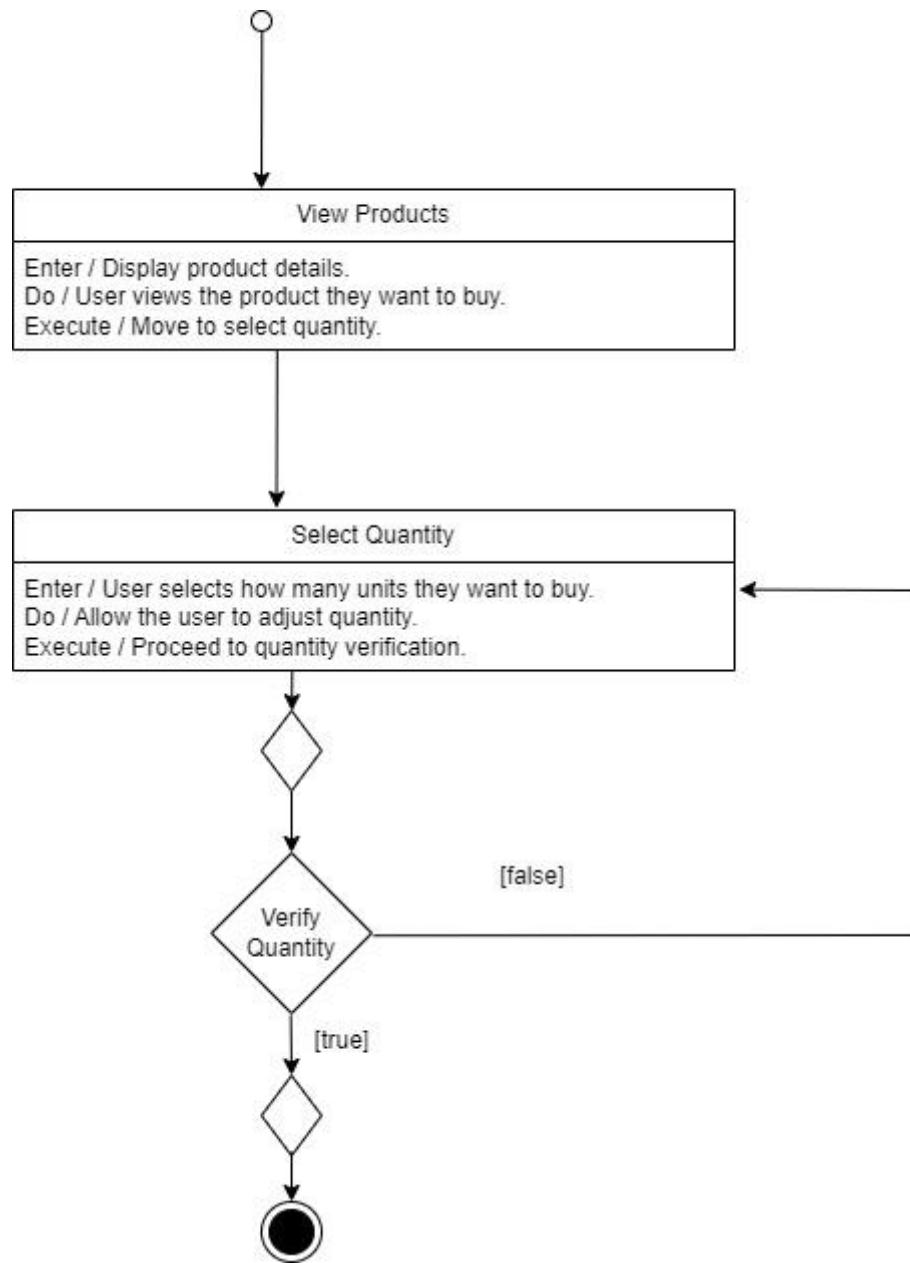
usermanagesprofile()



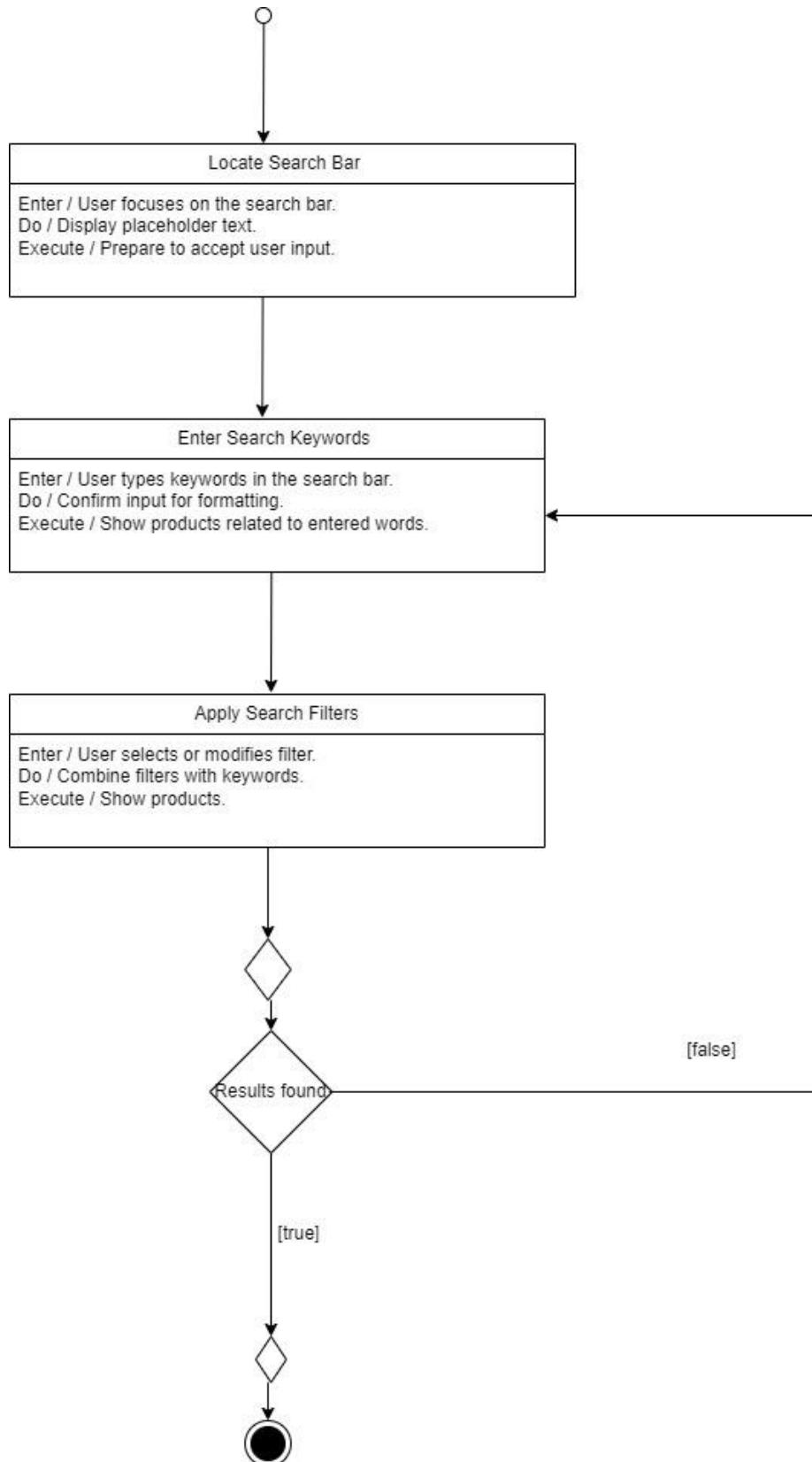
signup()



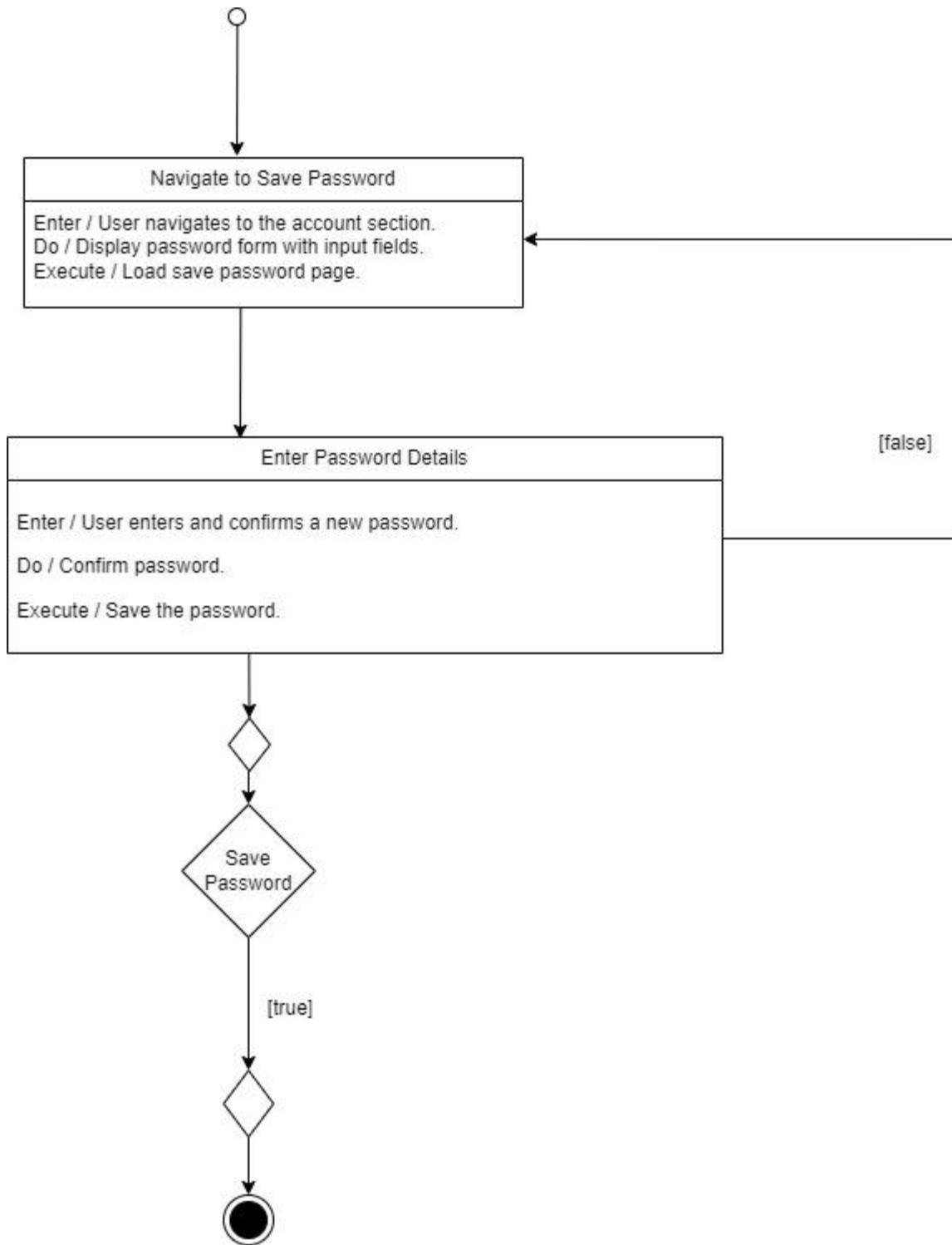
signout()



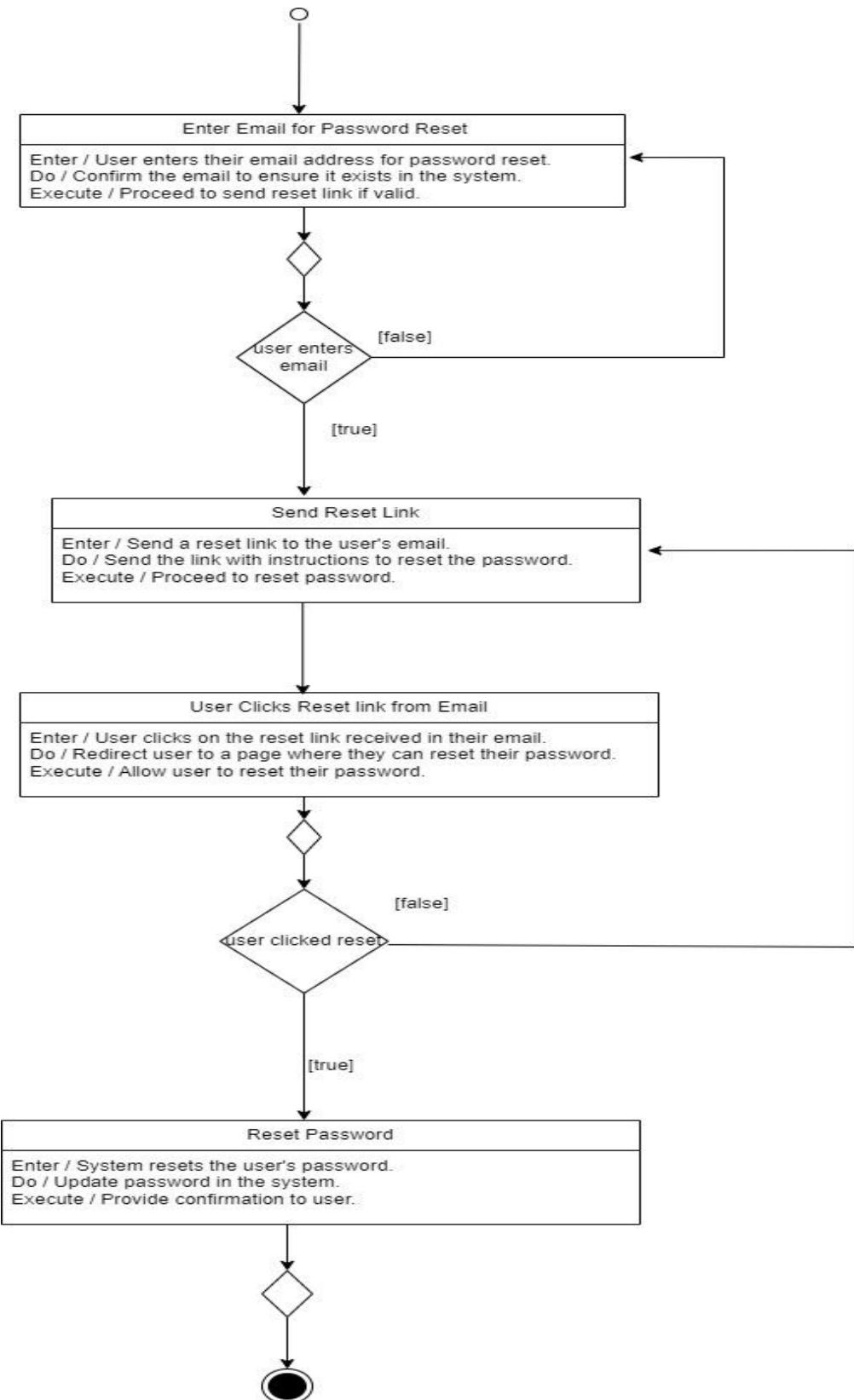
selectquantity ()



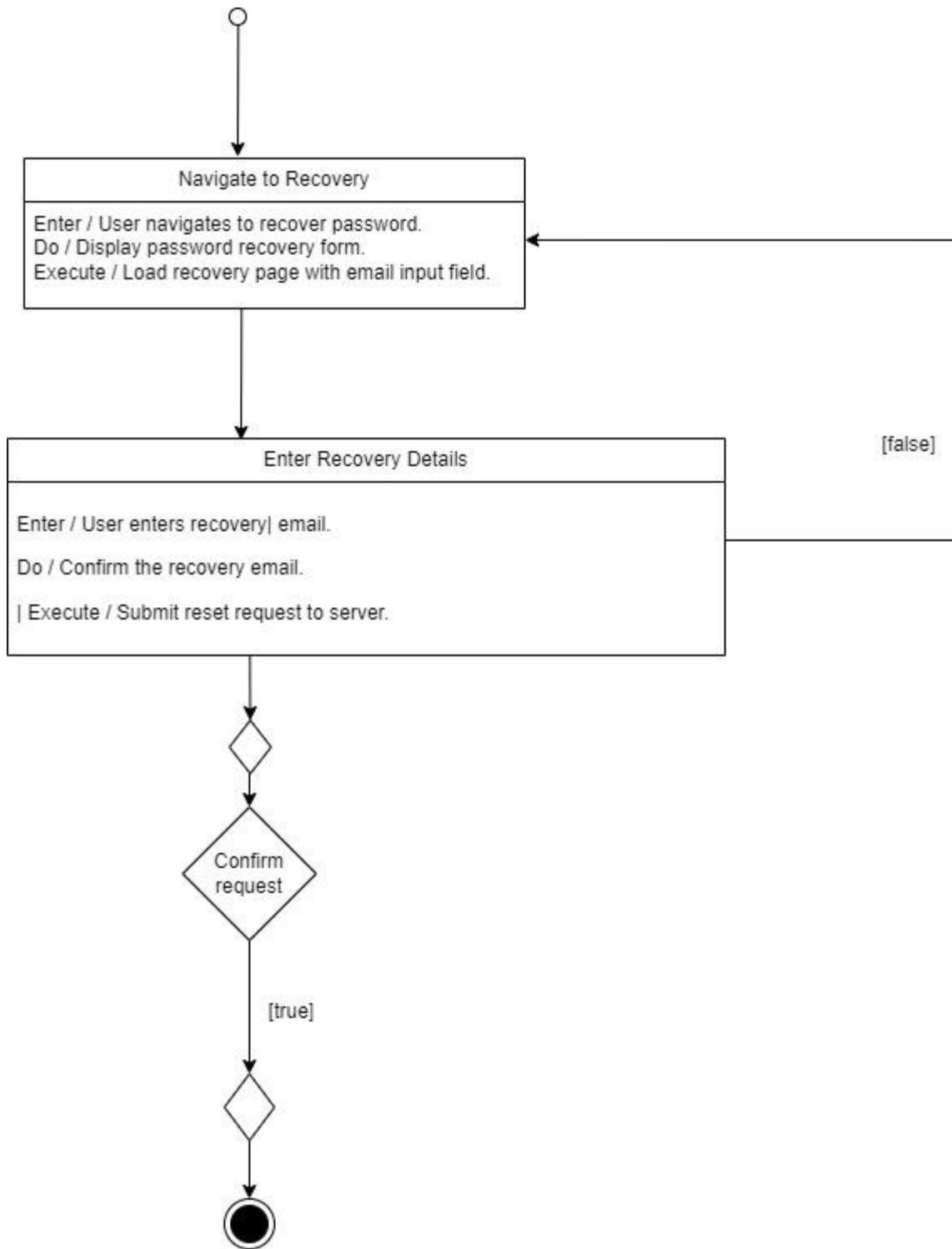
searchfilter ()



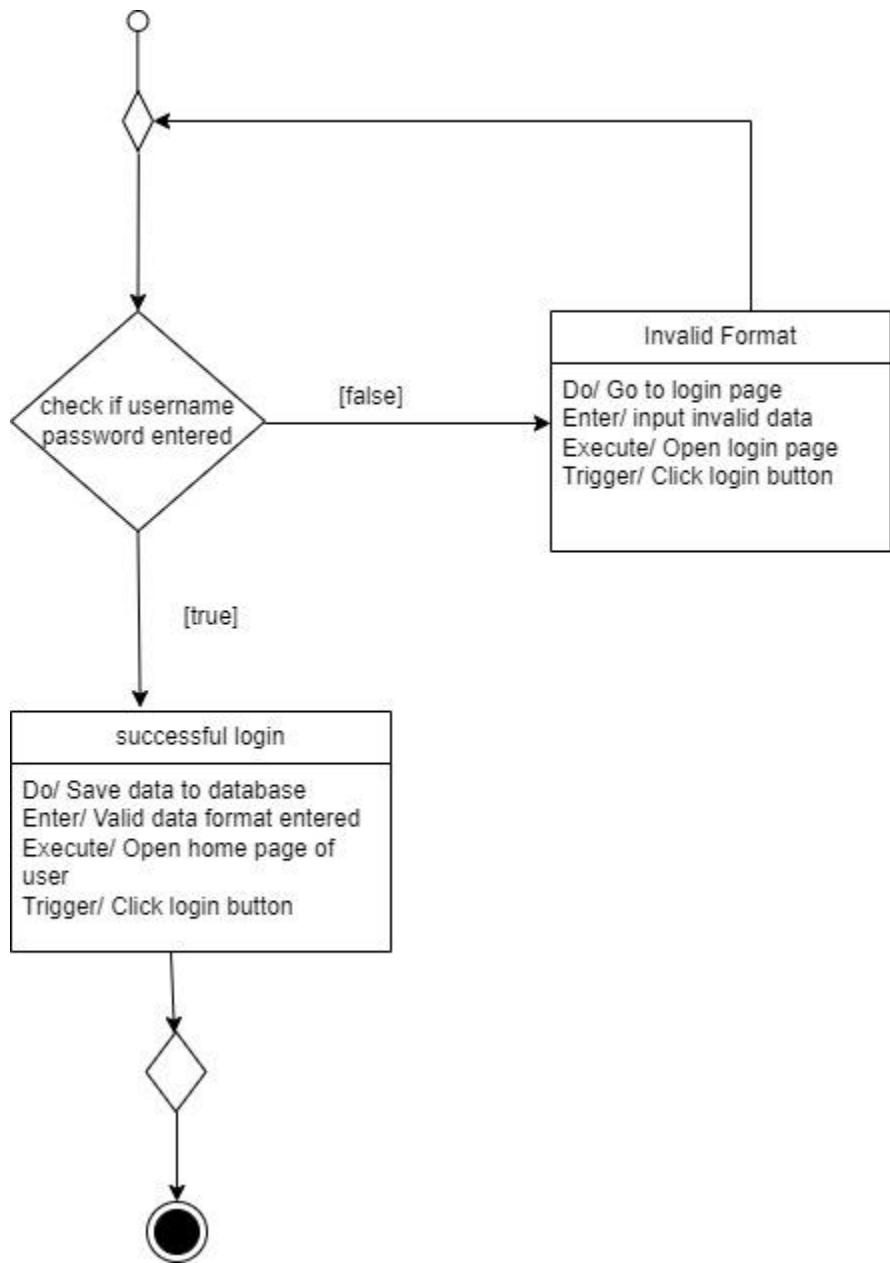
savepassword()



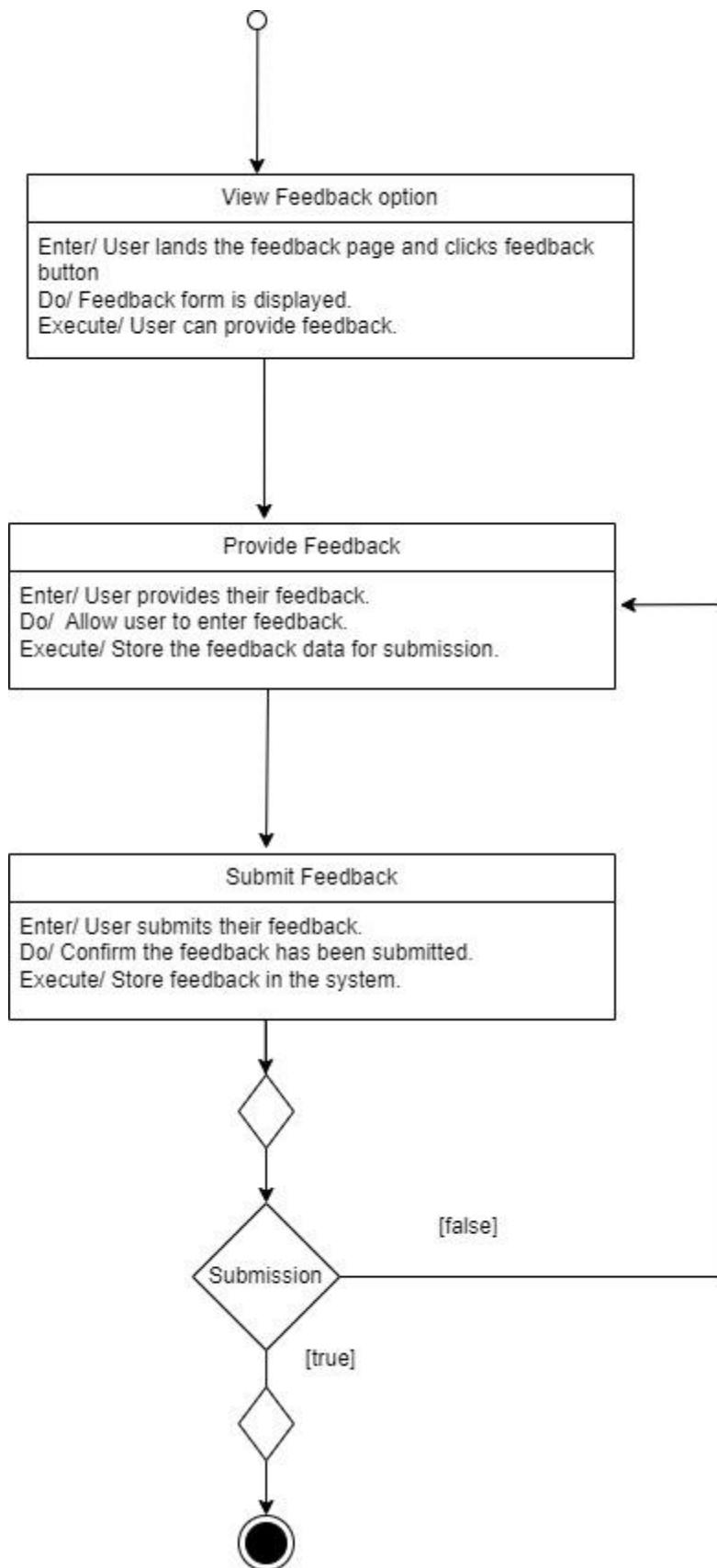
resetpassword()



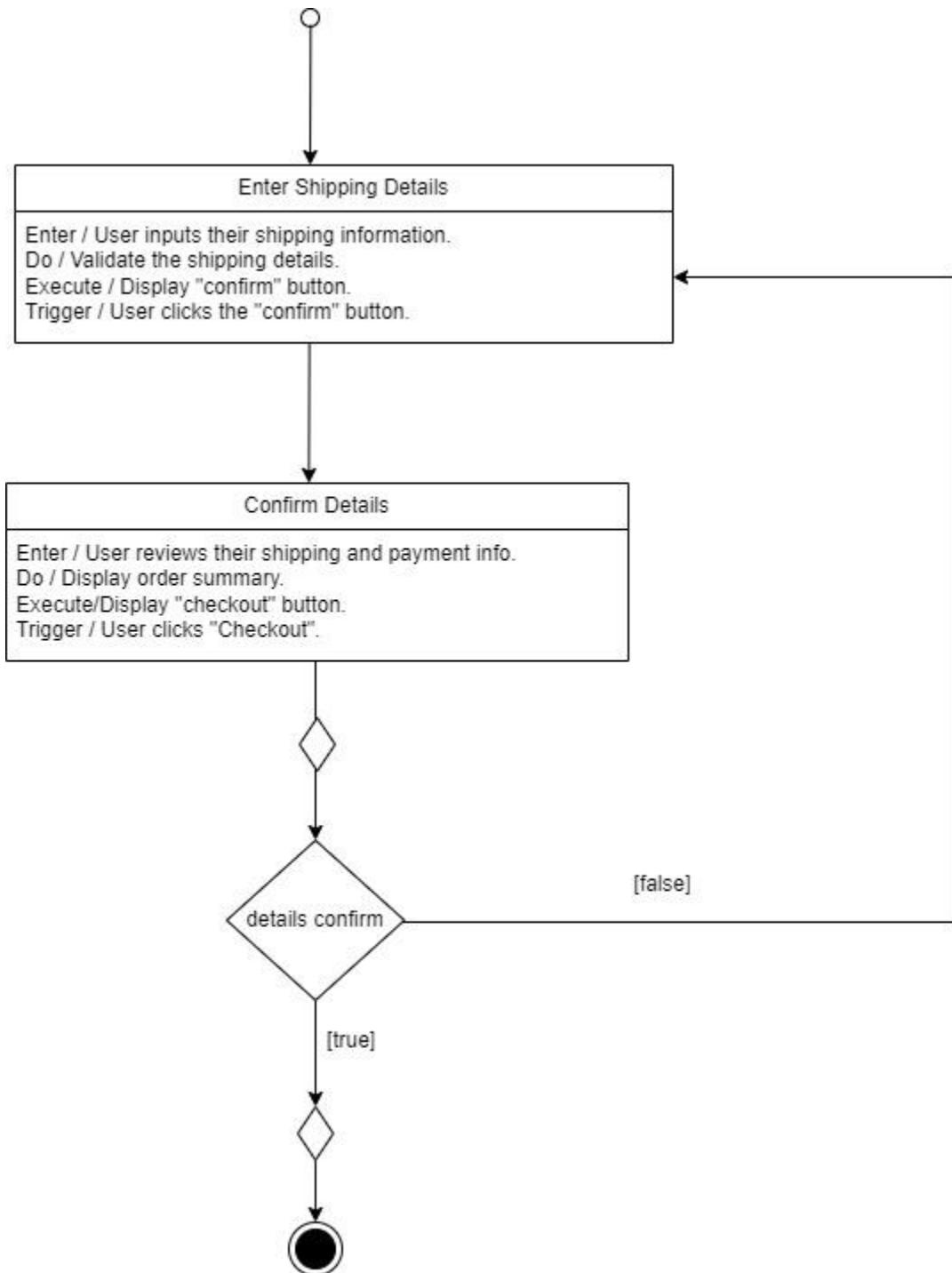
recoverpassword()



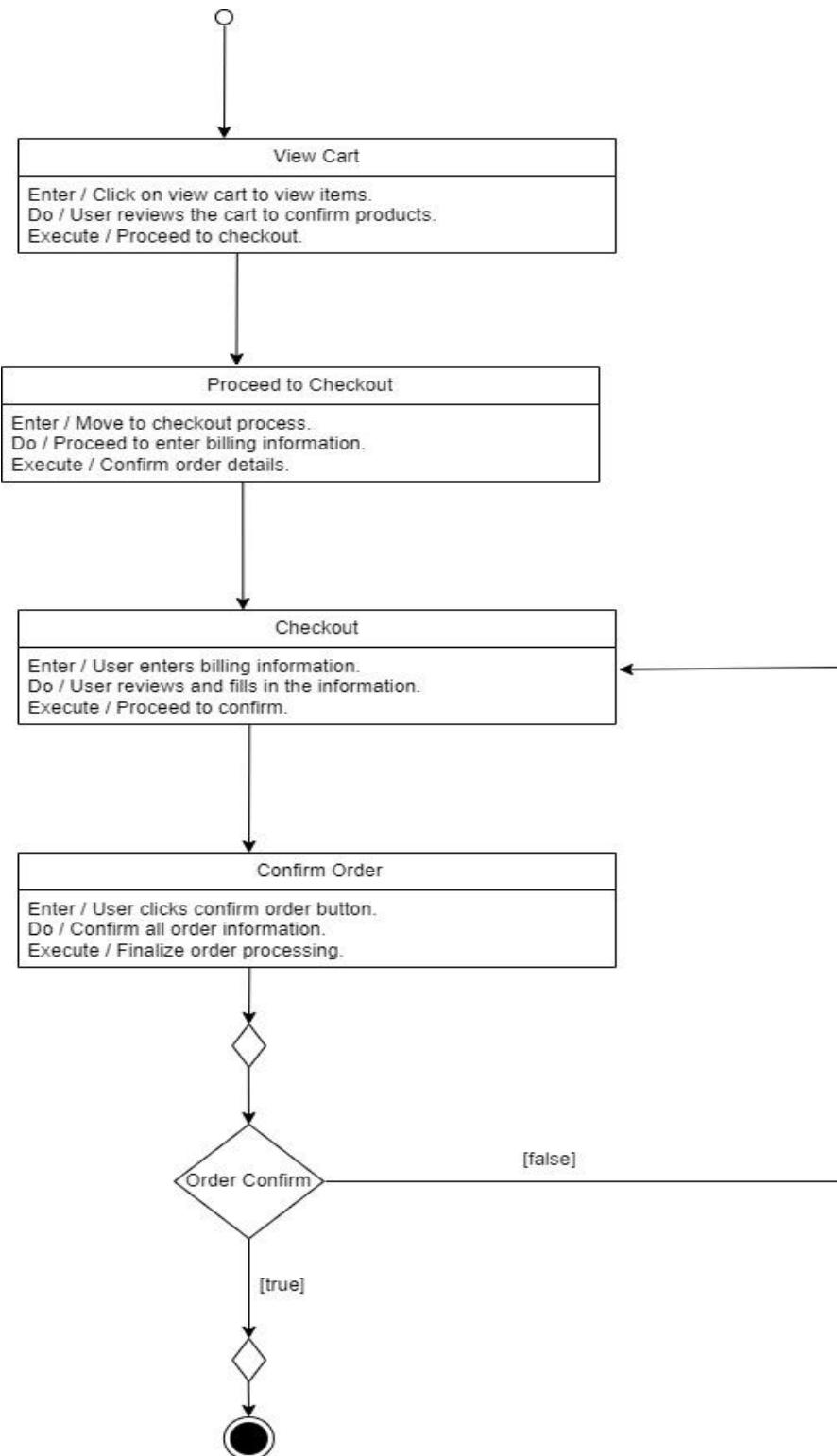
login()



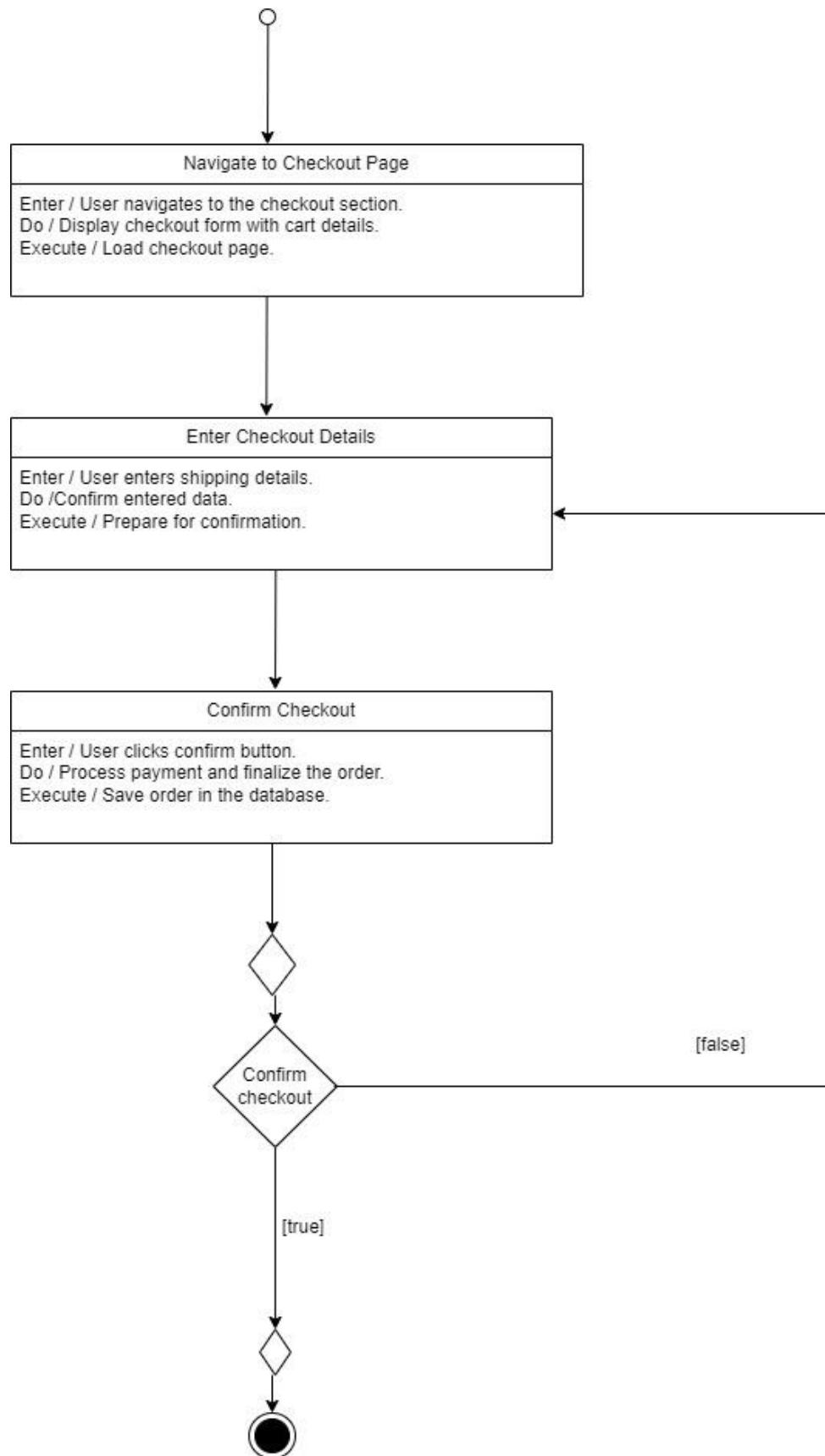
feedbackprovide()



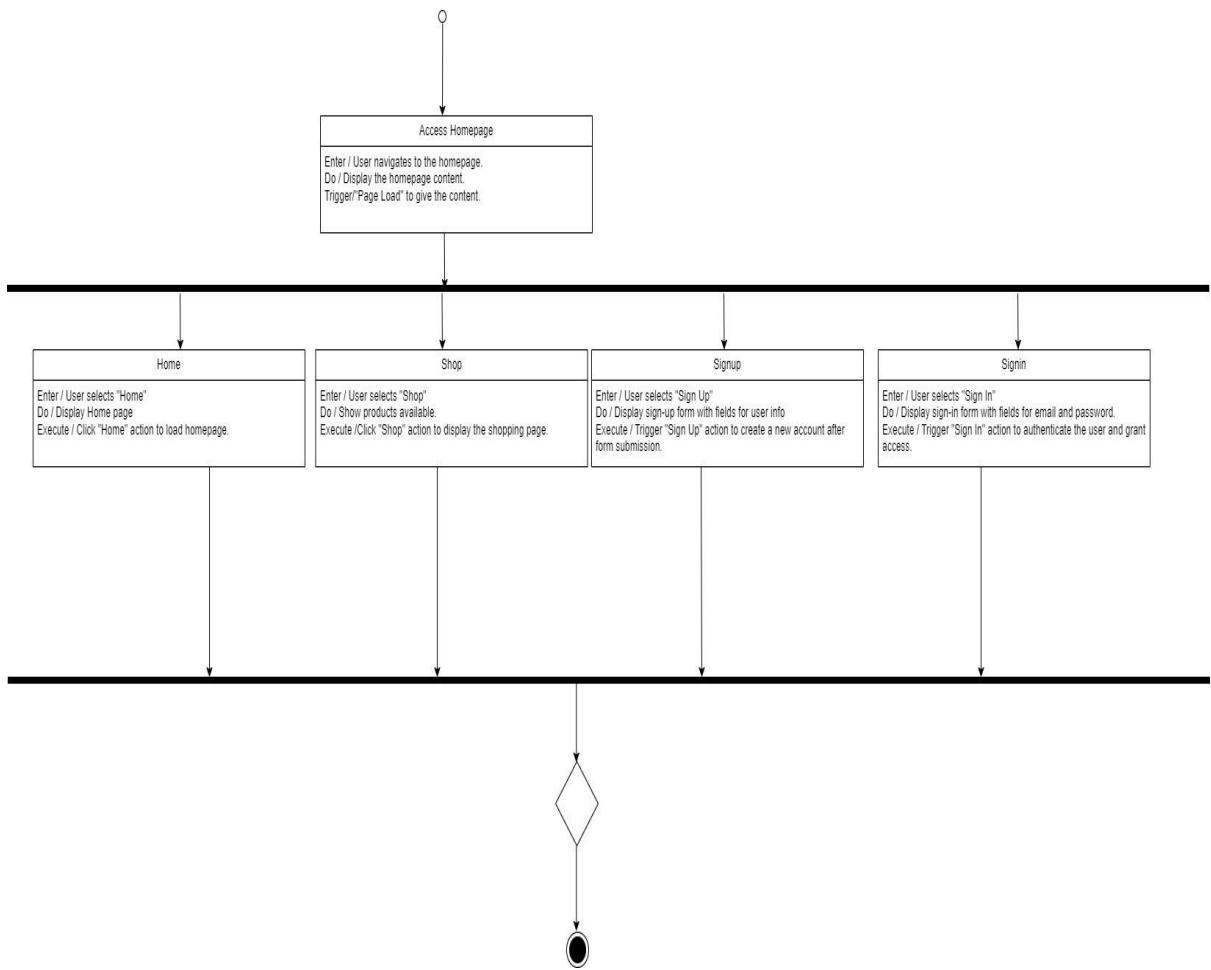
checkoutdetails()



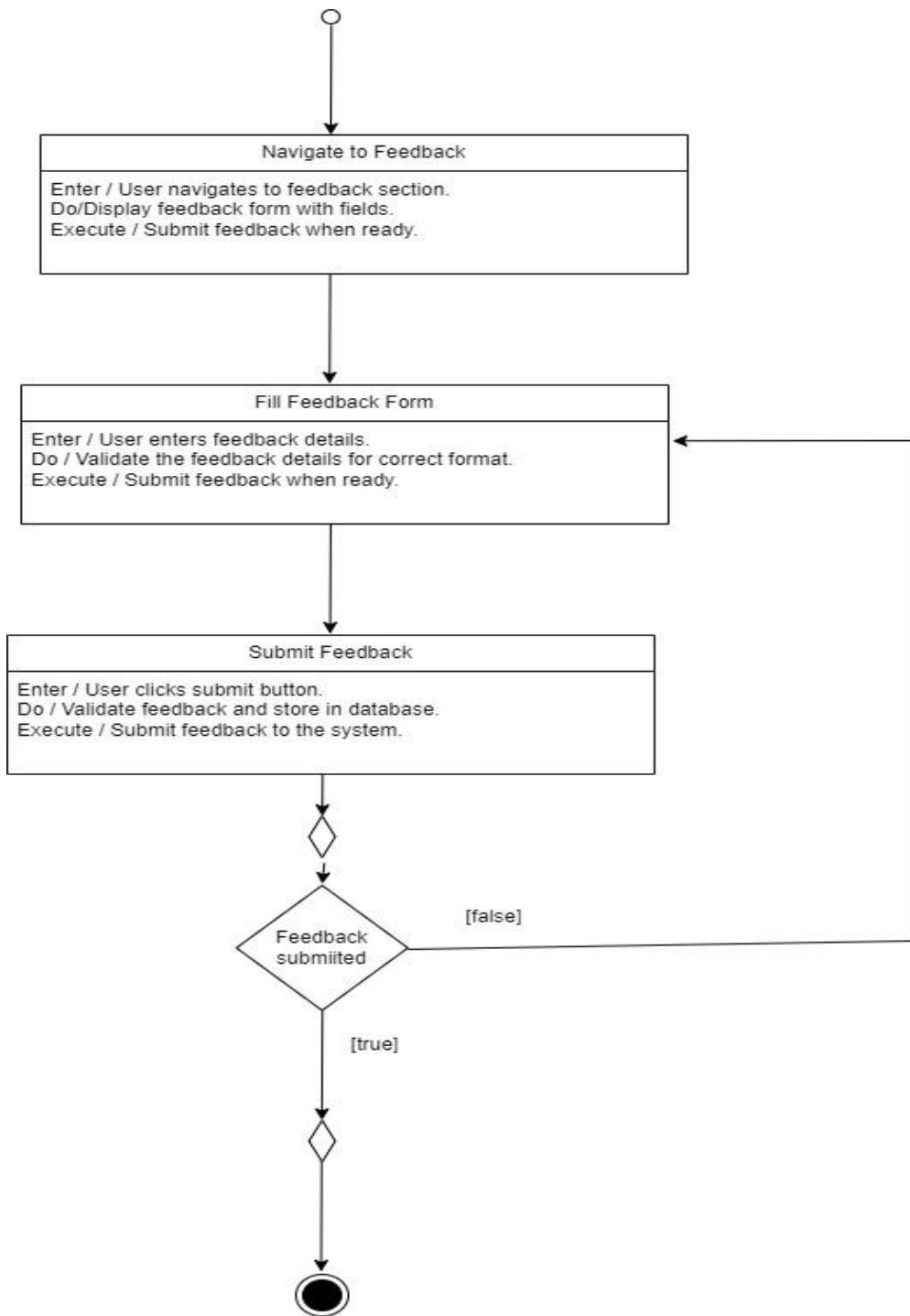
confirmorder()



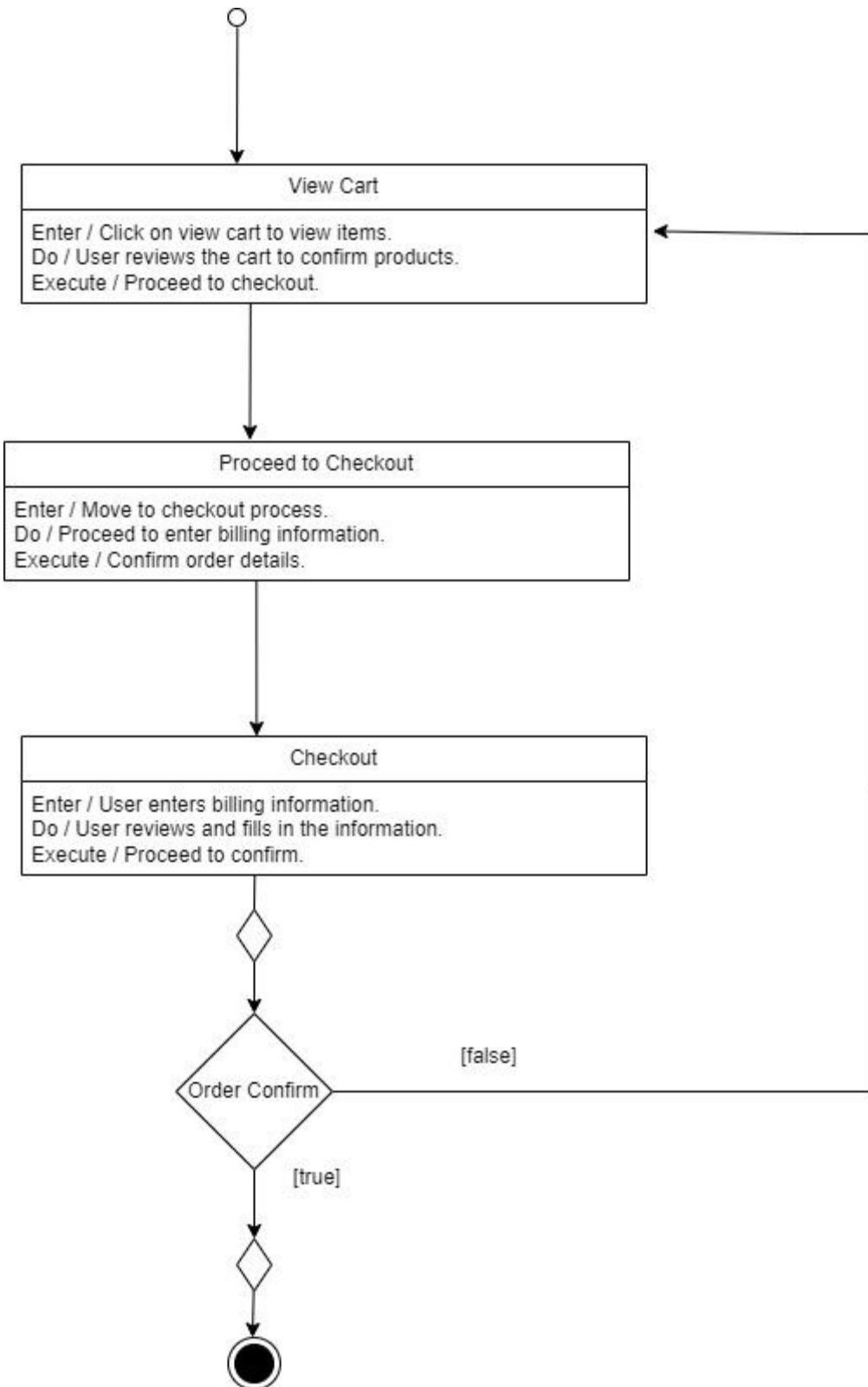
[confirmcheckout\(\)](#)



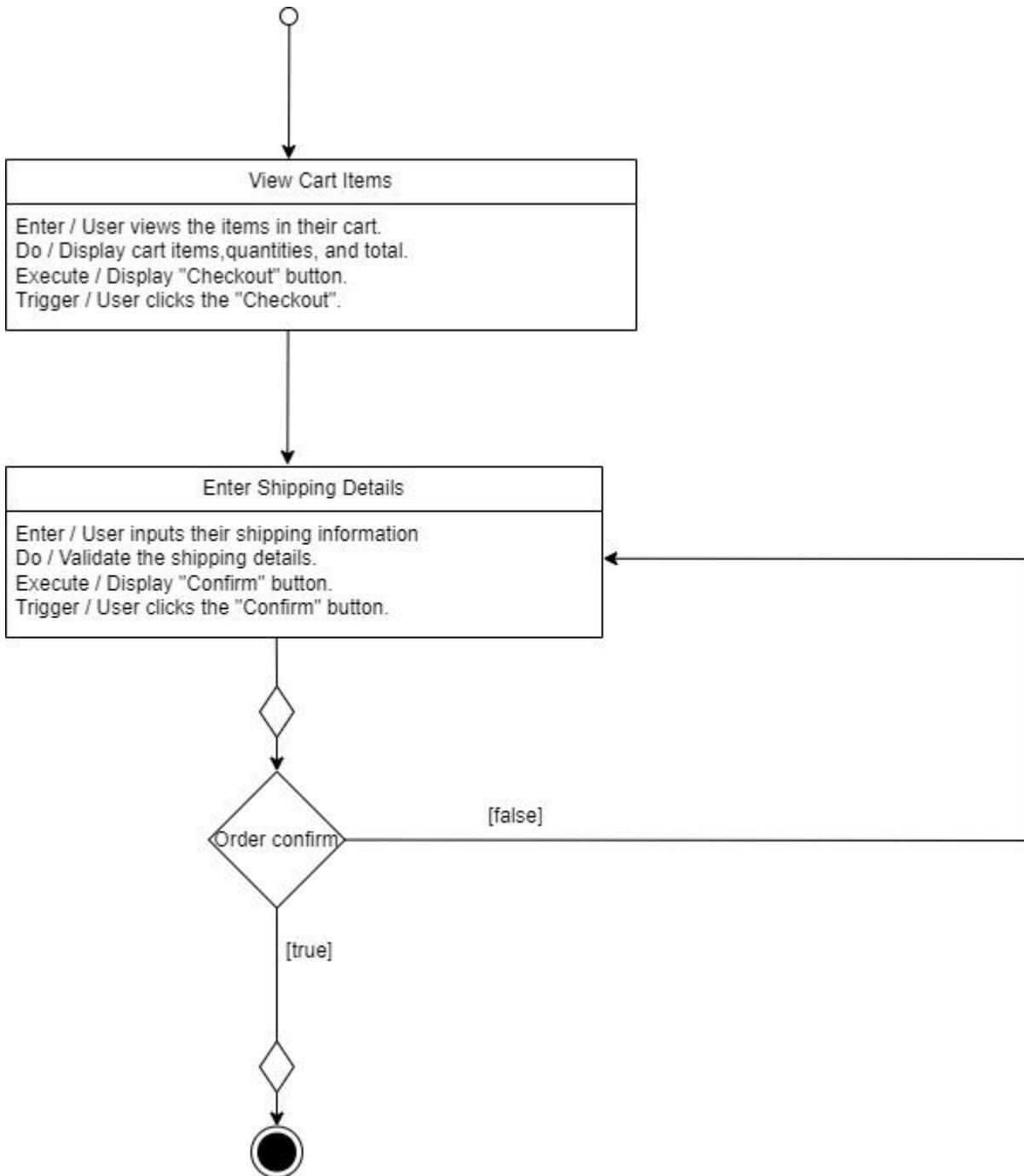
## viewhomepage ()



submitfeedback()



canplaceorder ()



`cancheckout()`