COLLABORATION, & SEQUENCE, & STATE DIAGRAM

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Topic of the section

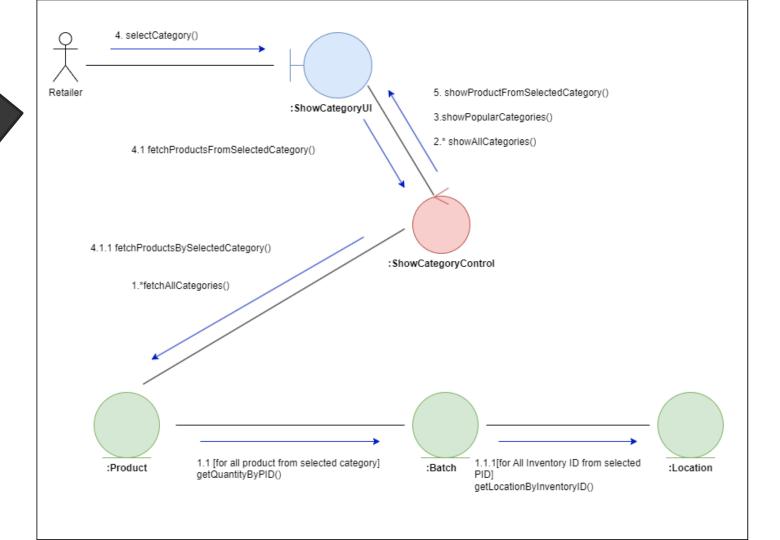
COLLABORATION DIAGRAM

Roll: 1905101

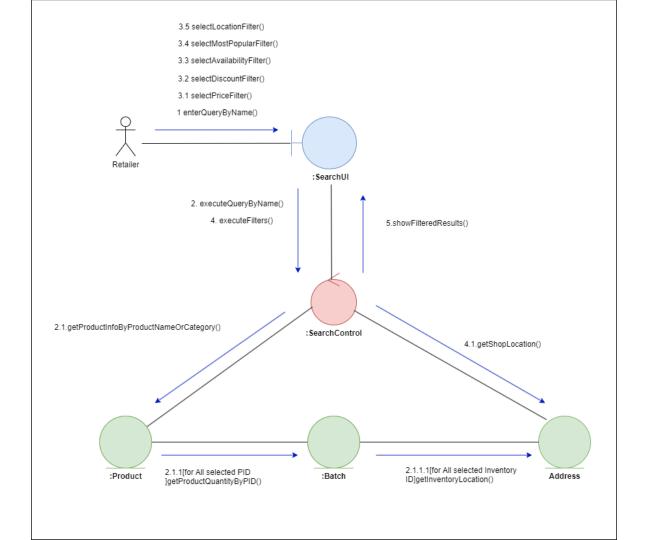
MD. Sadik Hossain Shanto

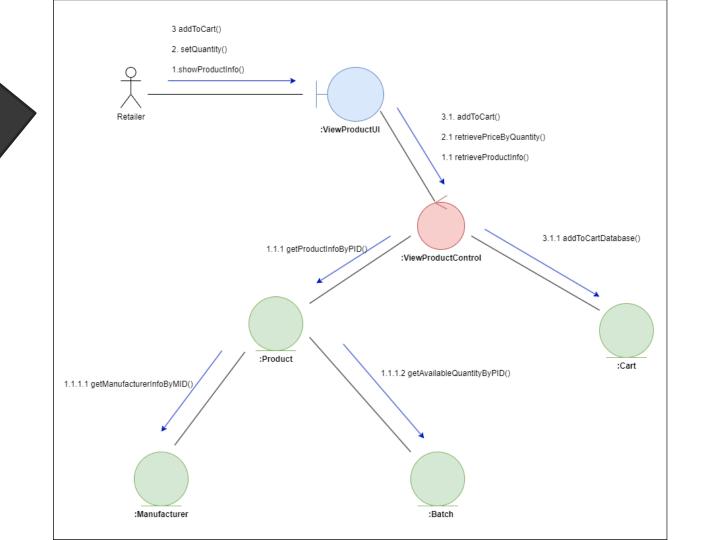
Retailer :HomePage UI 6.1 showSuggestedCategories() **HOME** 4.showDiscountedProducts() 2. showShopInfo() (Retailer) 1.* getShopInfoBySID() 6. sendSuggestedCategory() :DataAnalytics :Shop 5.* getCategorySuggestion() :HomePageControl 3.* getDiscountedProductList() 5.1. getSellCountByCategory() 5.1.1 [for each PID] getCategoriesByPID() :SingleProductQuantity :Batch 3.1 [for all discounted batches] getProductInfoByPID() :Product [5.1.1.1 [for each filtered category ID] getCategoryNames() :Category

Show Categories (Retailer)



Search & Filter (Retailer)



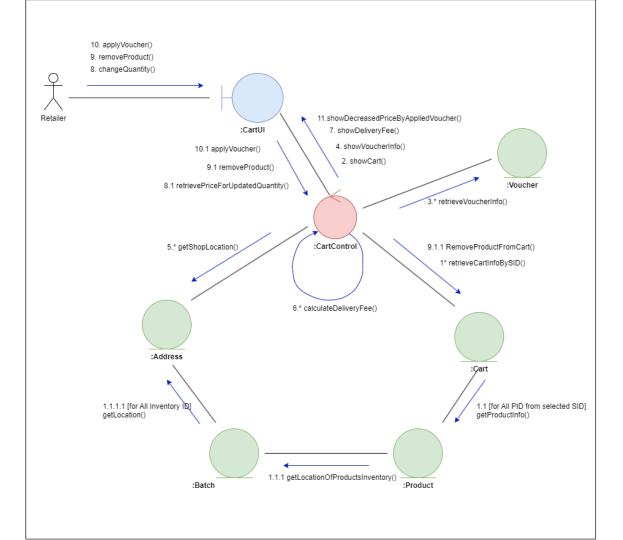


Add

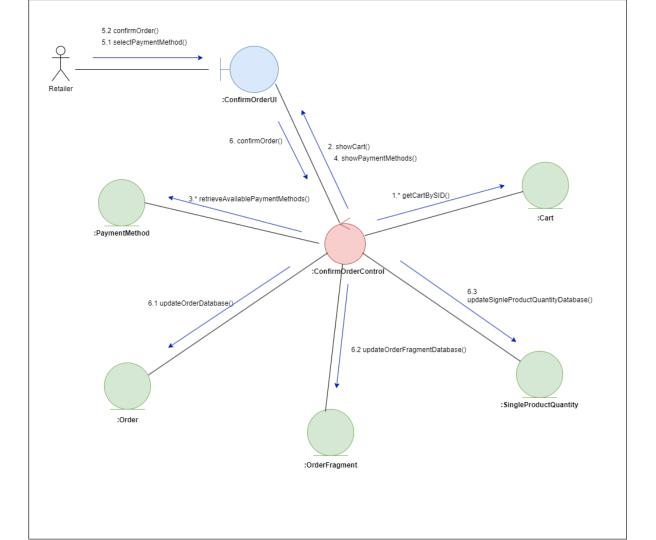
to Cart

(Retailer)

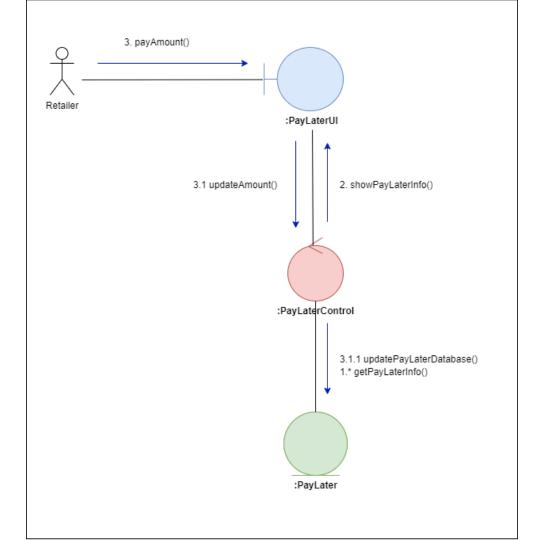
Cart (Retailer)



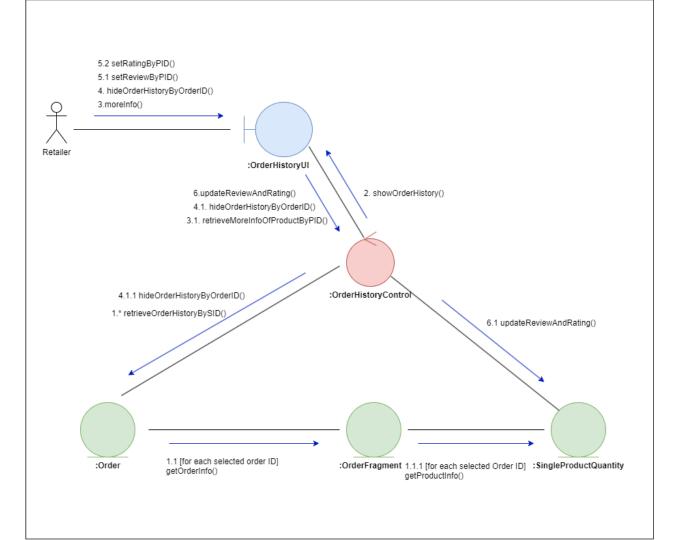
Confirm Order (Retailer)



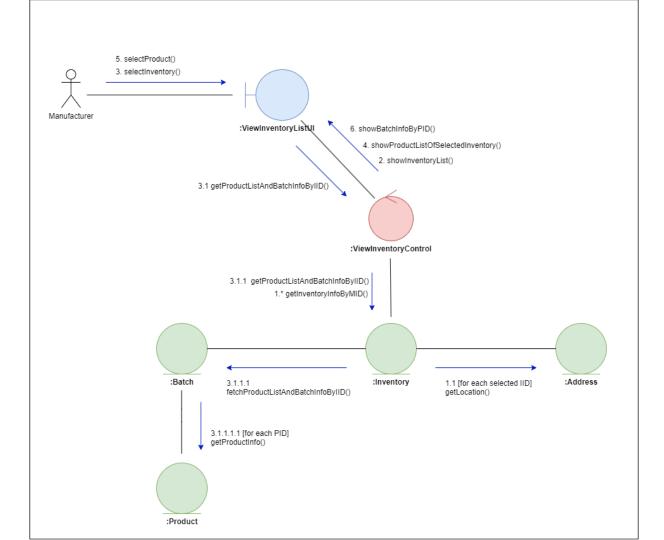
Pay Later (Retailer)



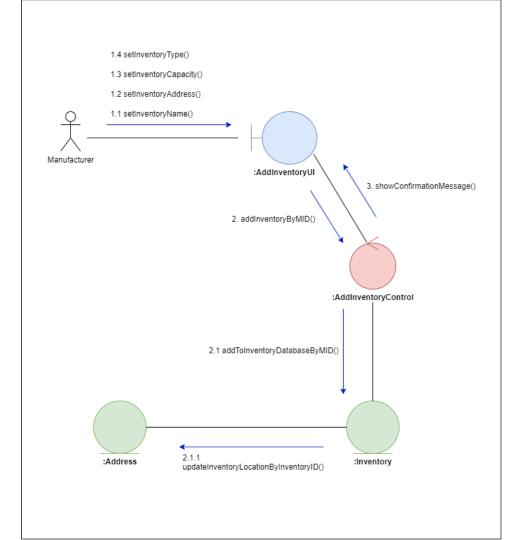
Order History & Rating (Retailer)



View Inventory List (Manufacturer)



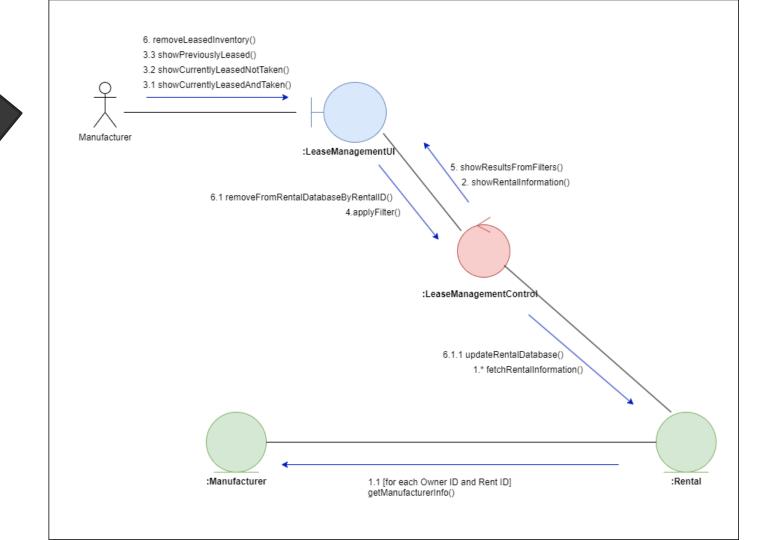
Adding Inventory (Manufacturer)



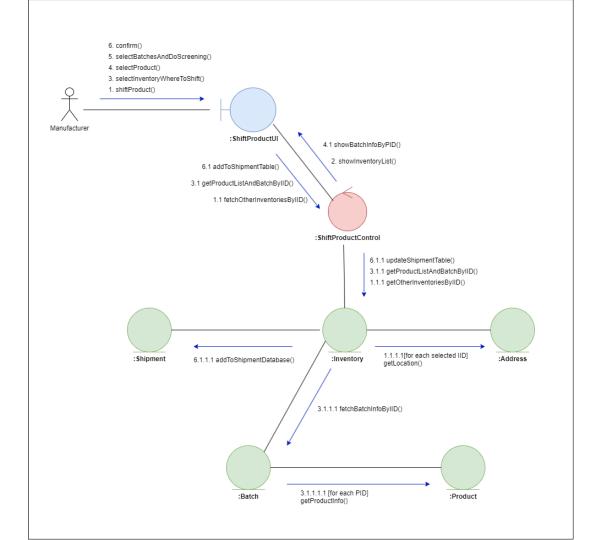
4.2 setTotalDayForLease() 4.1 selectRentPerDay() Give 3. selectInventory() Lease (Manufacturer) Manufacturer 6.showSuccessMessage() :GiveLeaseU) 3.1 showSetInformationDialougeBox() 2. showEmptyInventoryList() 5. addRentalInventory() :GiveLeaseControl, 5.1 addToRentalInventoryDatabse() 1.* getEmptyInventoryList() :Rental :Inventory

5.2 confirm() 5.1 selectDaysForRental() Take 4. selectInventory() 3. applyLocationFiltrer() Lease (Manufacturer) Manufacturer 7.showSuccessMessage() :TakeLeaseUN 4.1 showRentalDialogueBox() 3.1 showRentalInventoriesByLocation() 2. showRentalInventories() 6. updateRentalInfo() :TakeLeaseControl 6.1 updateRentalDatabase() 1.* fetchAvailableRentalInventories() 1.1 fetchLocationsByIID() :Address :Rental

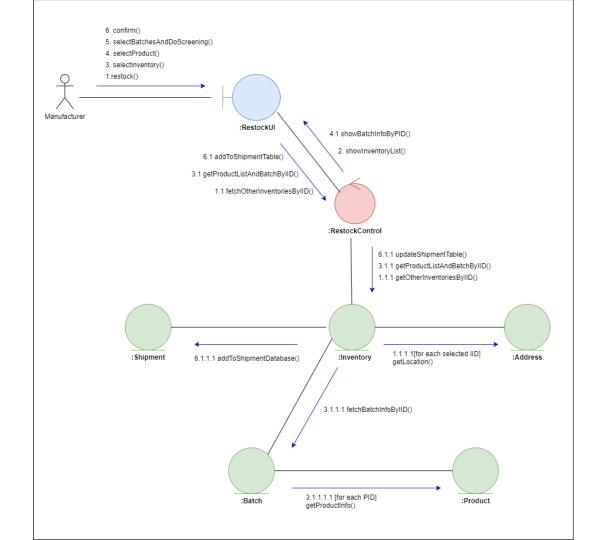
Lease Management (Manufacturer)



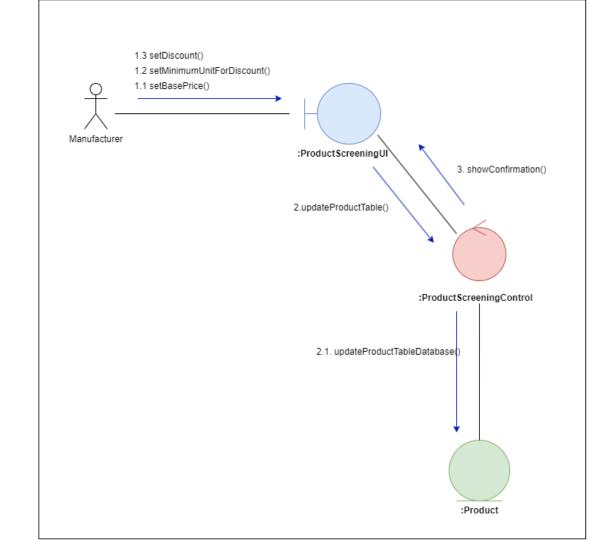
Shift Product (Manufacturer)



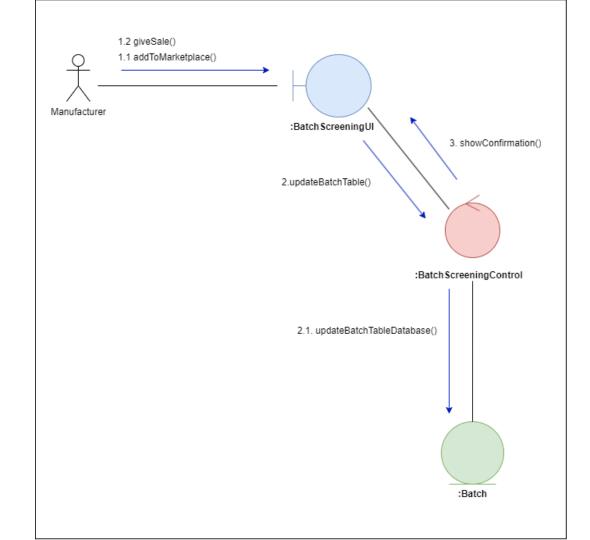
Restock (Manufacturer)



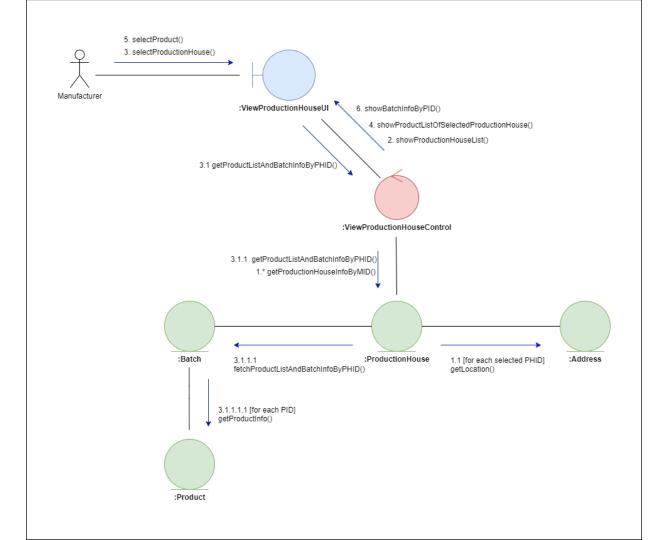
Product Screening (Manufacturer)



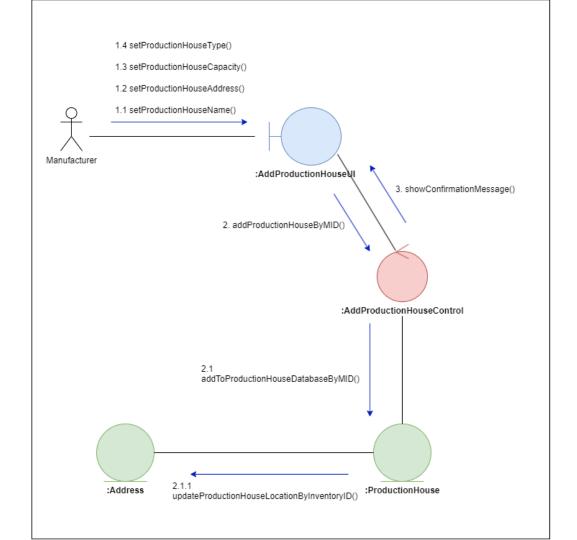
Batch Screening (Manufacturer)



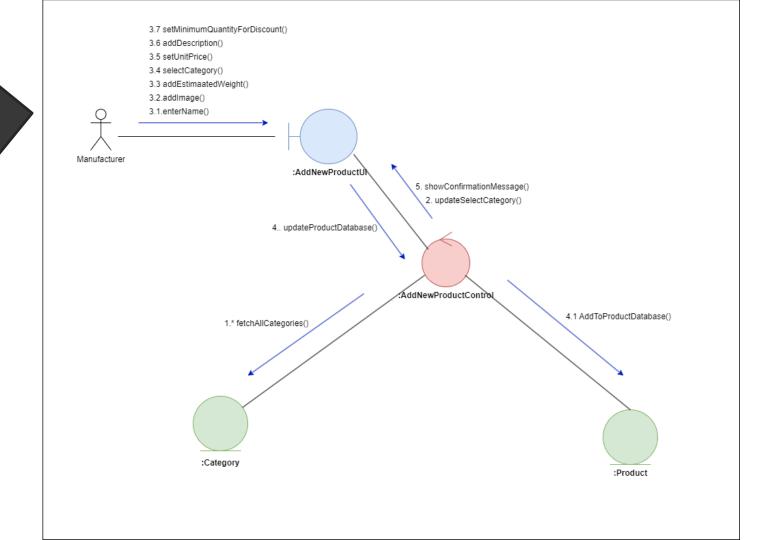
View Production House (Manufacturer)



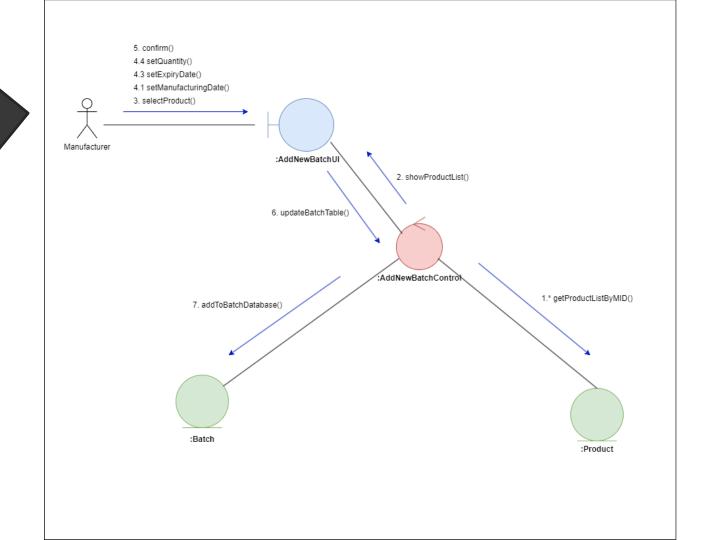
Adding Production House (Manufacturer)



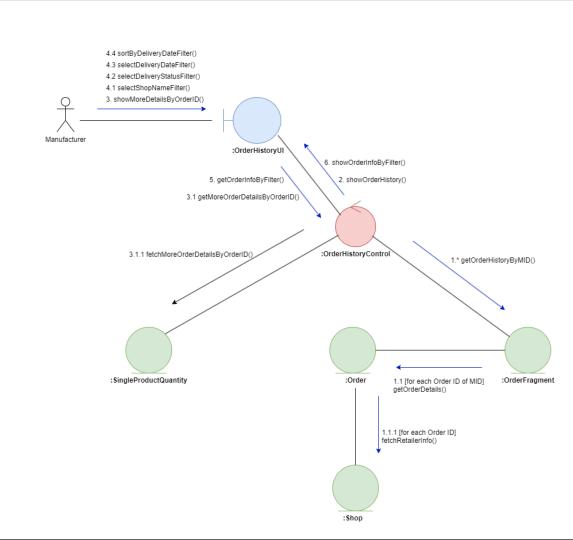
Add New Product (Manufacturer)



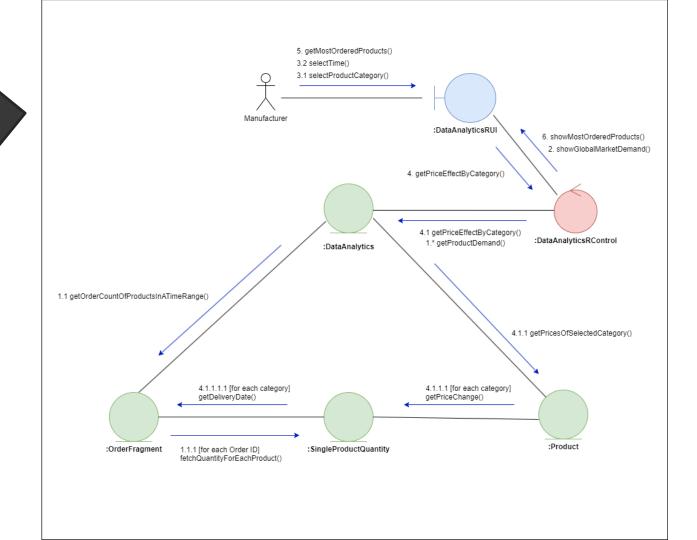
Add New Batch (Manufacturer)



Order History (Manufacturer)



Data Analytics (Manufacturer)

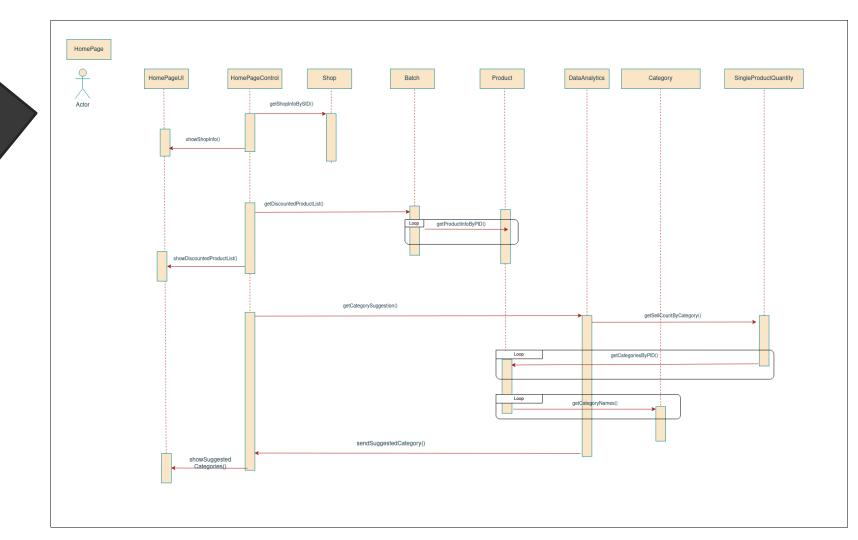


SEQUENCE DIAGRAM

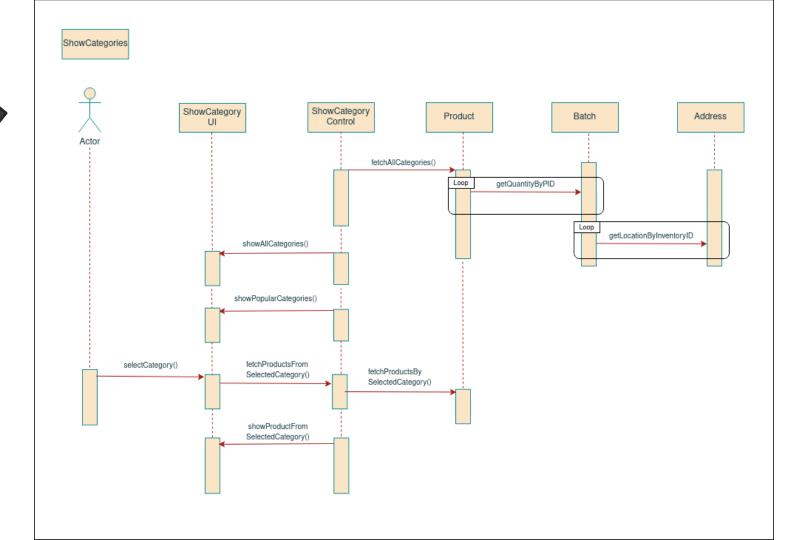
Roll: 1905118

Sabah Ahmed

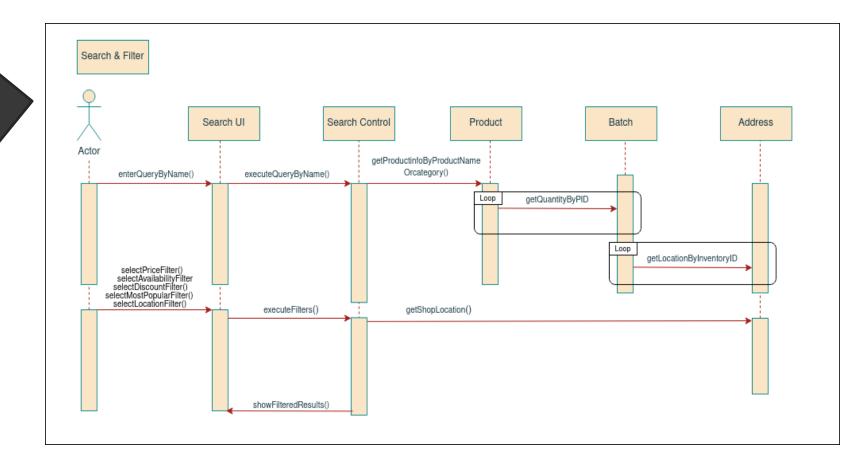
Homepage (Retailer)



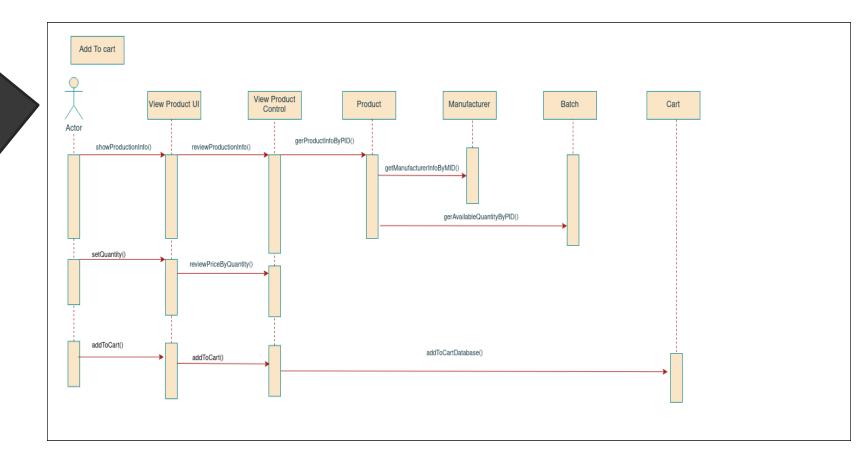
Show Categories (Retailer)

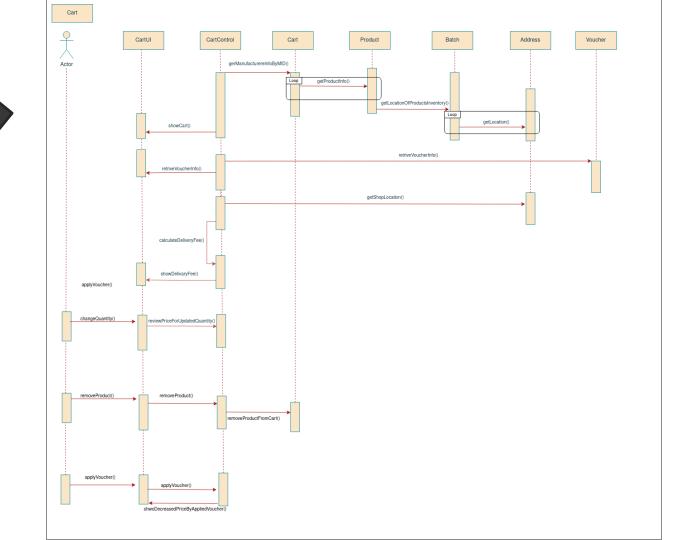


Search & Filter (Retailer)



Add to Cart (Retailer)

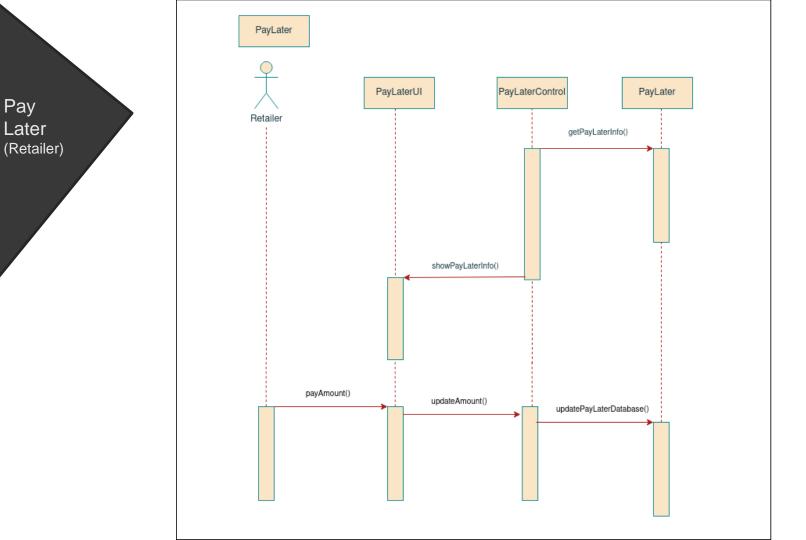




Cart (Retailer)

Confirm Order (Retailer)

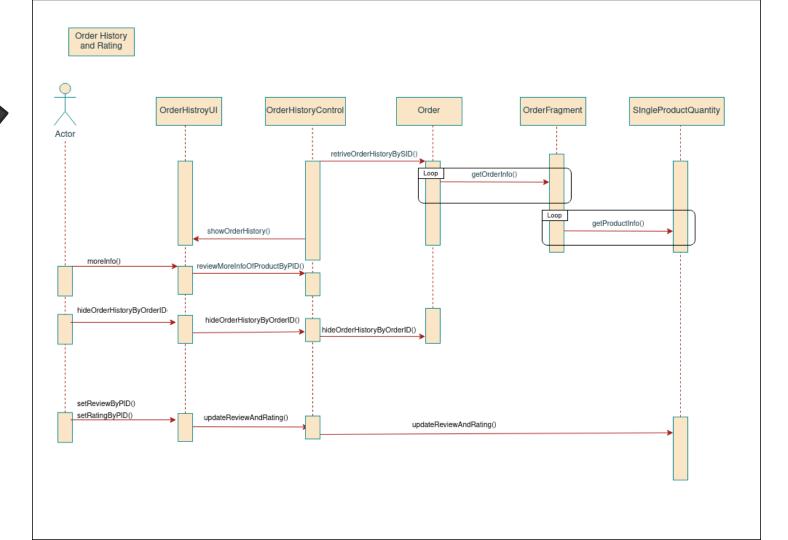
Confirm Order ConfirmOrderUI ConfirmOrderControl Cart PaymentMethod SingleProductQuantity OrderFragment Order getCartBySID() showCart() retriveAvailablePaymentMethod() showPaymentMethod() selectPaymentMethod() confirmOrder() confirmOrder() updateOrderDatabase() updateOrderFragmentDatabase() updateSingleProductQuantityDatabase()



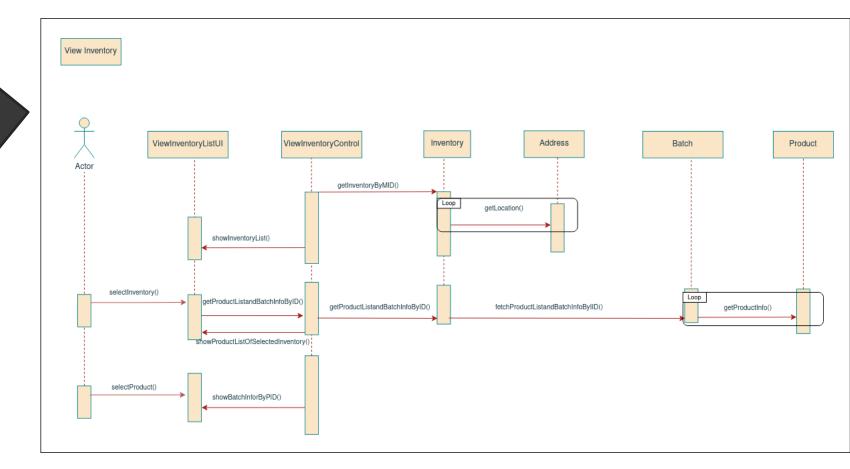
Pay

Later

Order History & Rating (Retailer)



View Inventory List (Manufacturer)

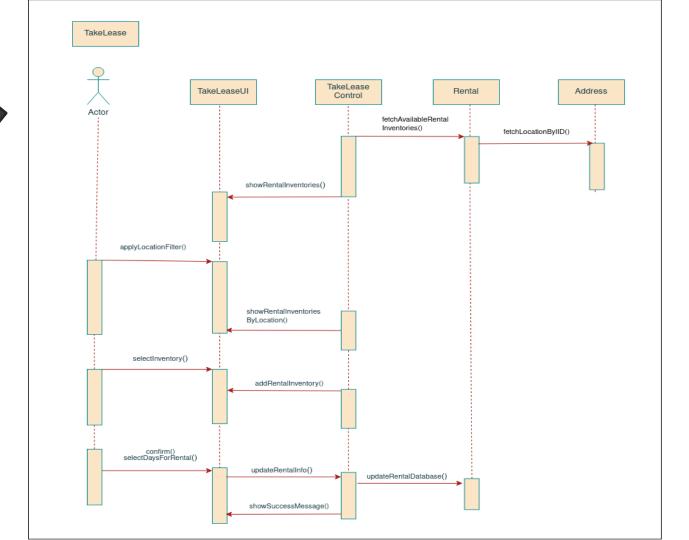


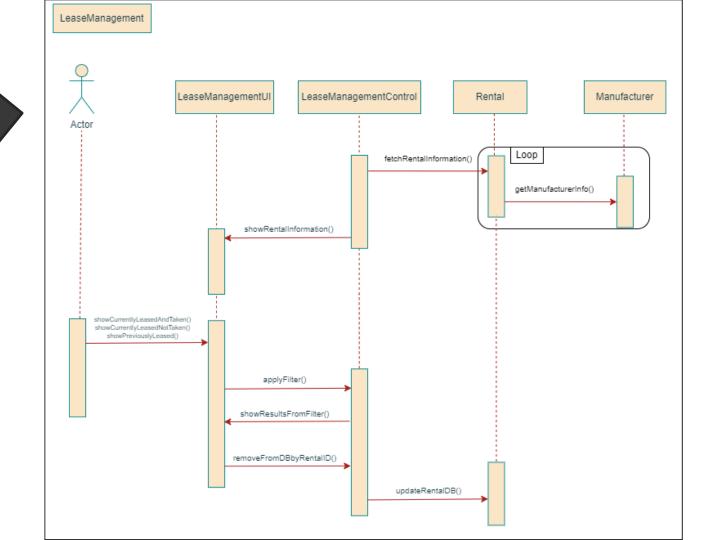
GiveLease GiveLease GiveLeaseUI Rental Inventory Control Actor getEmptyInventoryList() showEmptyInventoryList() selectInventory() showSetInformation DialogueBox() selectTotalDayForLease() selectRentPerDay() addRental addRentalInventory() InventoryDatabase()

Give Lease

(Manufacturer)

Take Lease (Manufacturer)



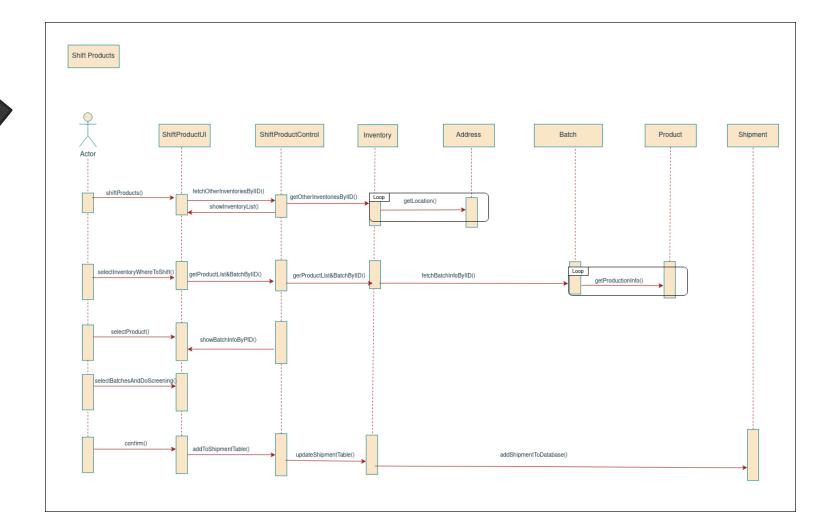


Lease

Management

(Manufacturer)

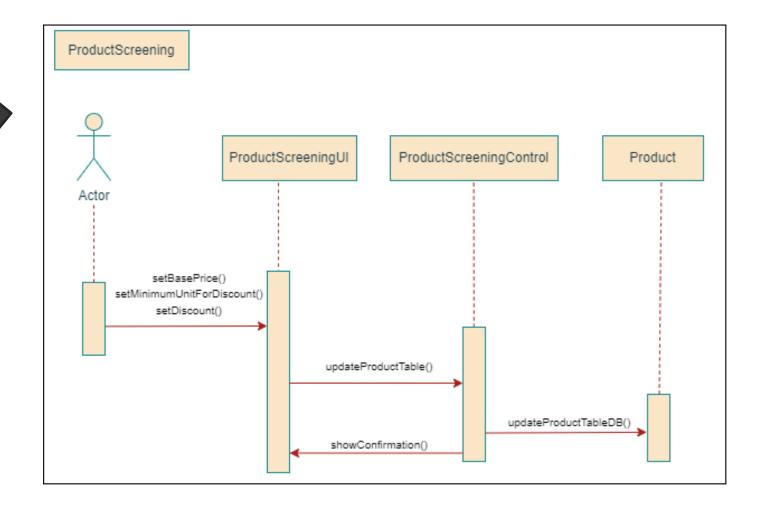
Shift Products (Manufacturer)



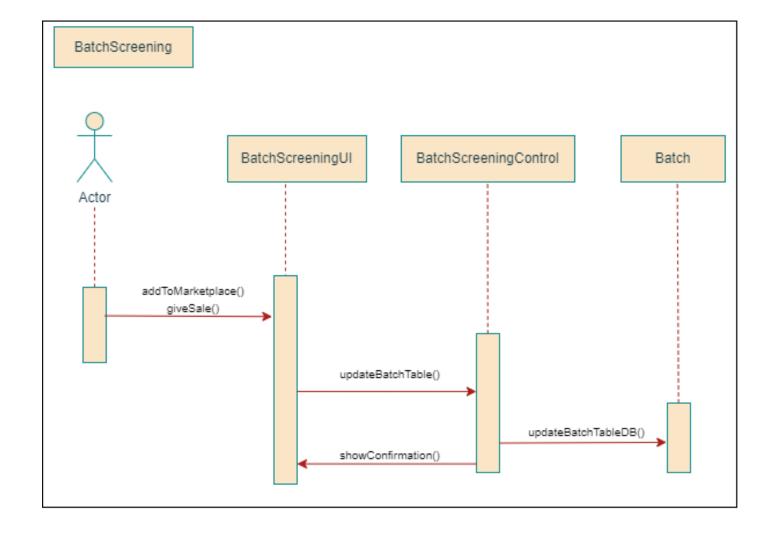
Restock Products (Manufacturer)

Restock Batch RestockUI RestockControl Inventory Address Product Shipment Actor fetchOtherInventoriesByIID() restock() getOtherInventoriesByIID() getLocation() showInventoryList() selectInventory() getProductLlst&BatchByIID() gerProductList&BatchByIID() fetchBatchInfoByIID() getProductionInfo() selectProduct() showBatchInfoByPID() selectBatchesAndDoScreening(confirm() addToShipmentTable() updateShipmentTable() addShipmentToDatabase()

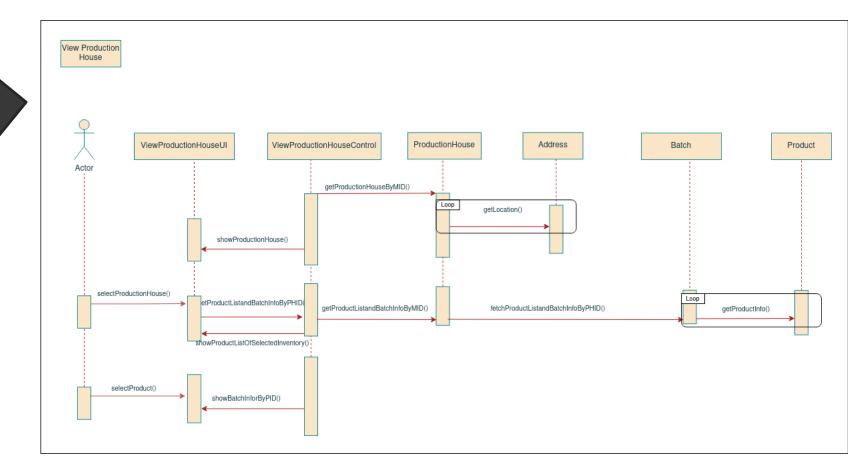
Product Screening (Manufacturer)



Batch Screening (Manufacturer)

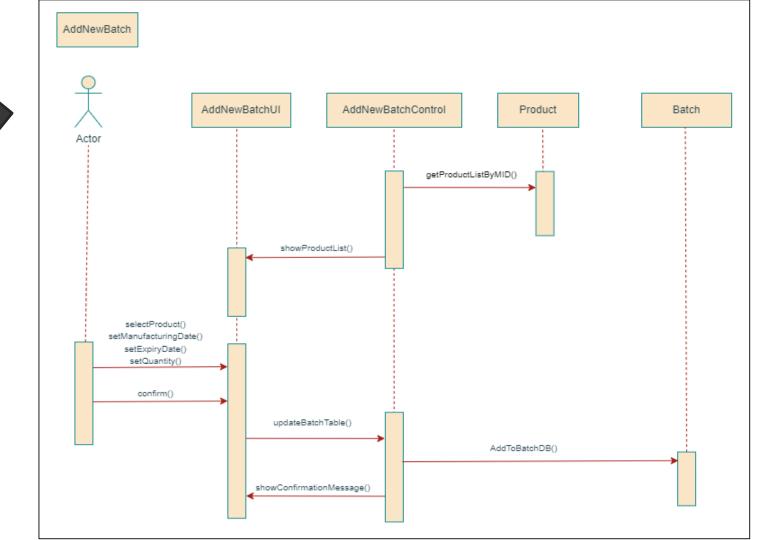


View Production House (Manufacturer)

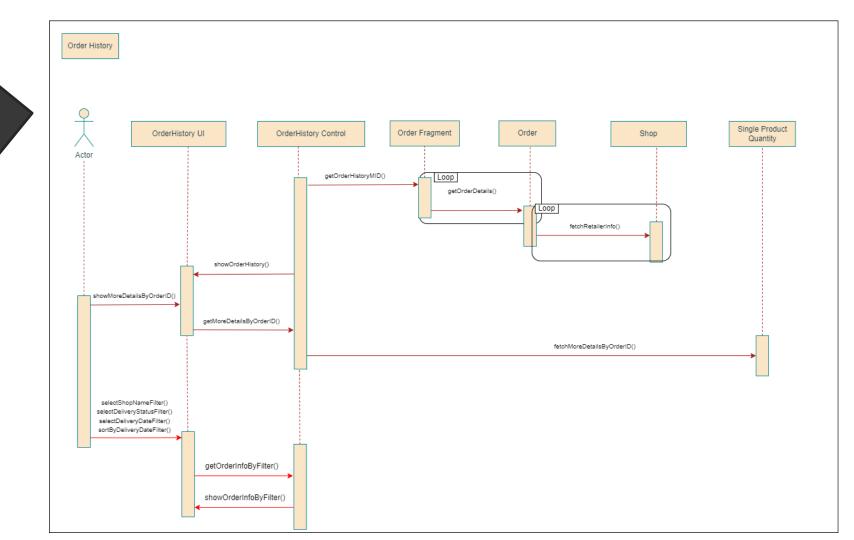


AddNewProduct Add New AddNewProductUI AddNewProductControl Category Product **Products** (Manufacturer) Actor fetchAllCategories() showAllCategories() enterName() addlmage() addEstimatedWeight() selectCategory() selectUnitPrice() addDescription() setMinimumQuantityForDiscout() updateProductDB() AddToProductDB() showConfirmationMessage()

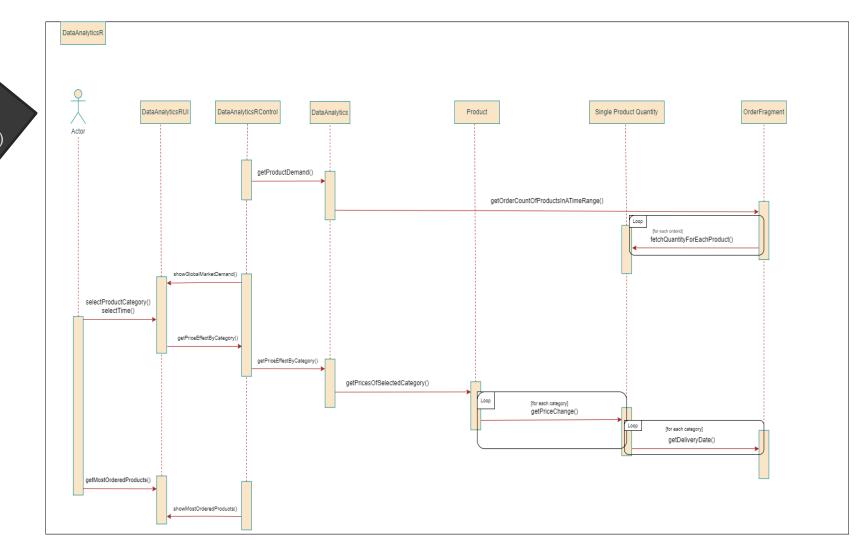
Add New Batch (Manufacturer)



Order History (Manufacturer)



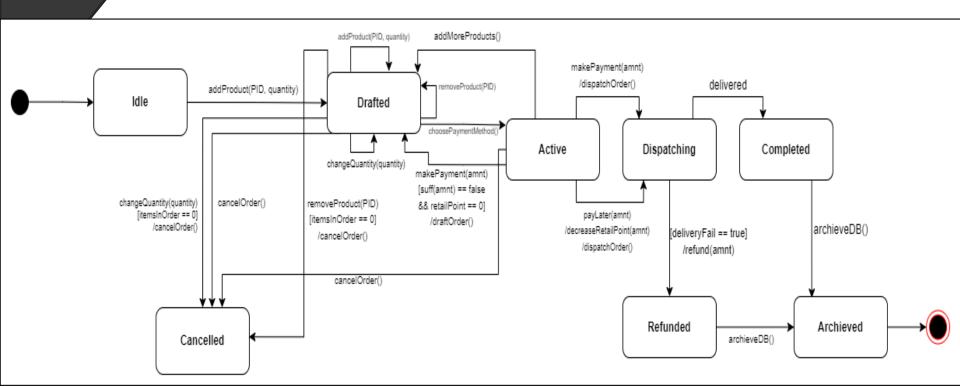
Data Analysis (Manufacturer)



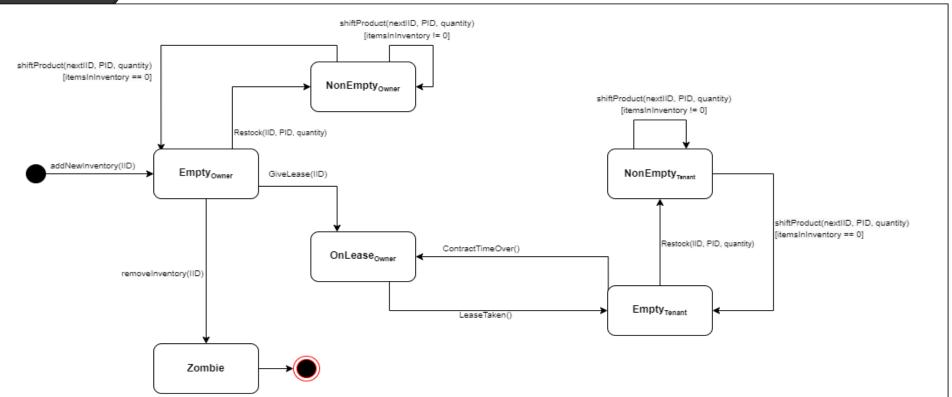
Data Analysis (Manufacturer)

STATE DIAGRAM

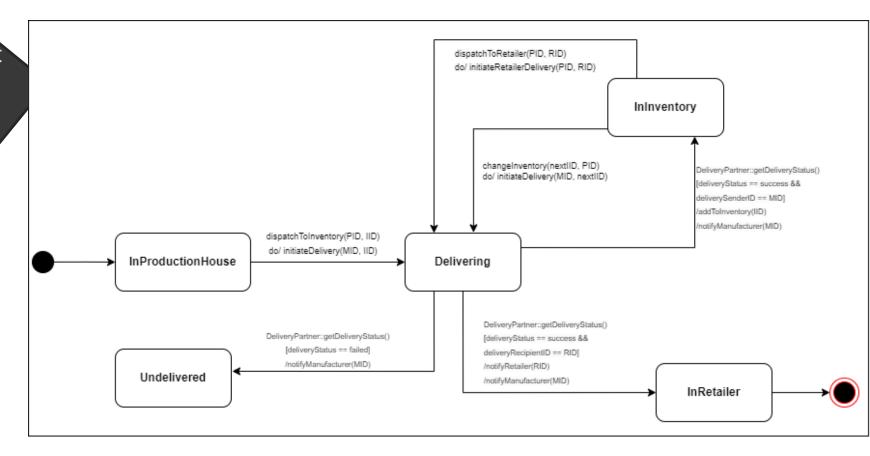
Order State



Inventory State



Product Whereabouts



THANK YOU

1905093 SOUMYA SWAGATA BISWAS

1905097 ABRAR MAHMUD

1905101 Md. sadik Hossain shanto

1905105 Shahriar raj

1905115 TAHSIN WAHID

1905118 SABAH AHMED