UML Diagrams

for

Restaurant Automation System
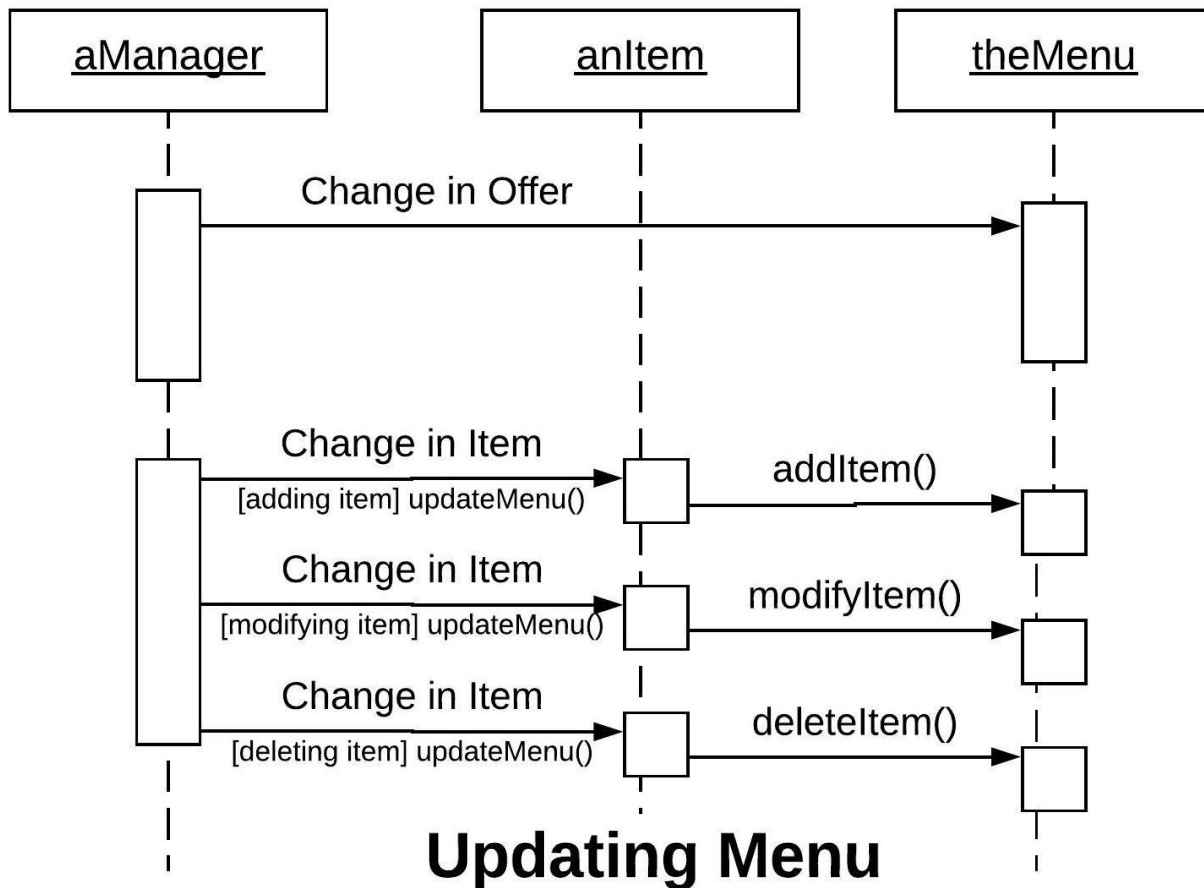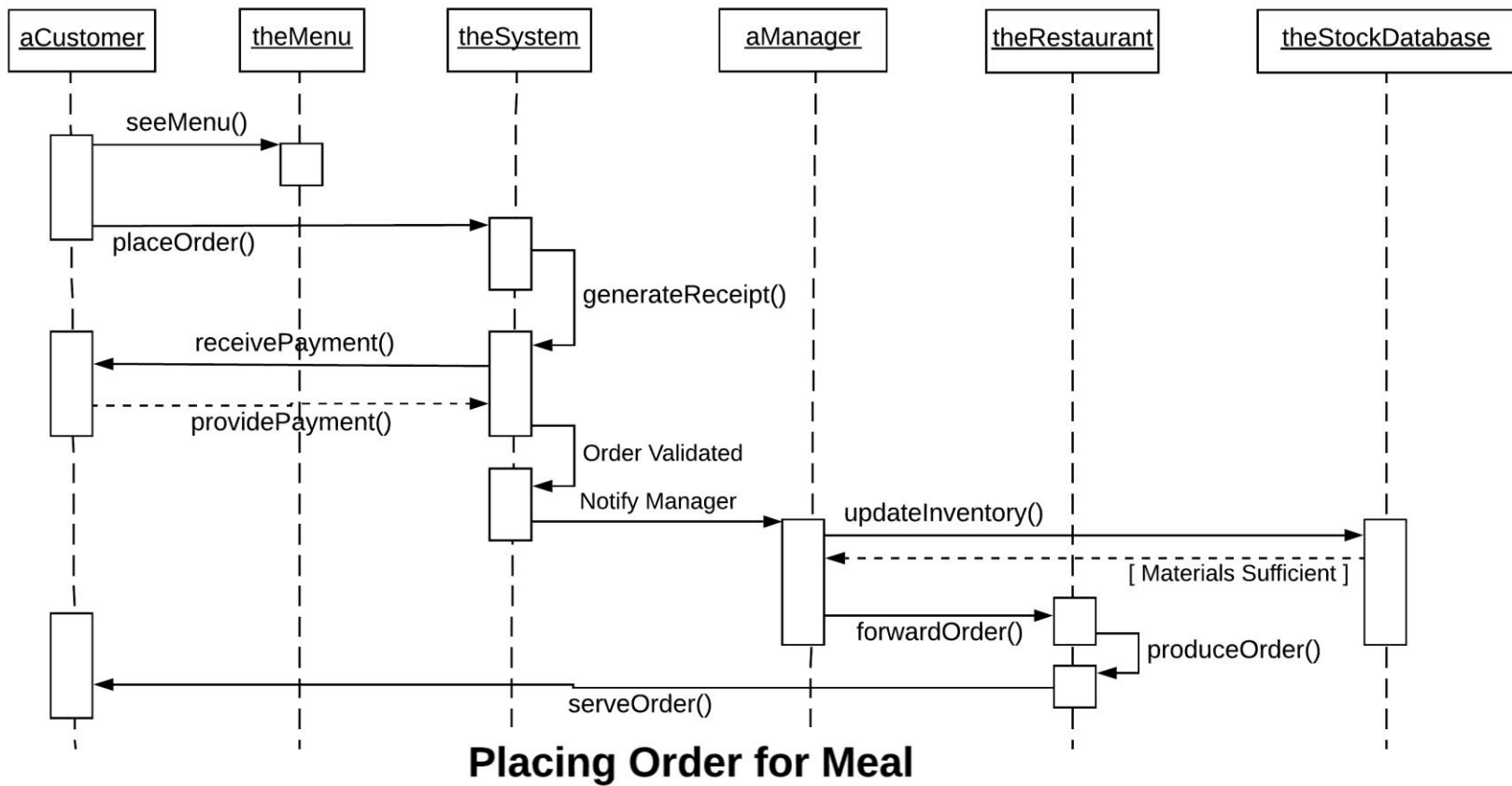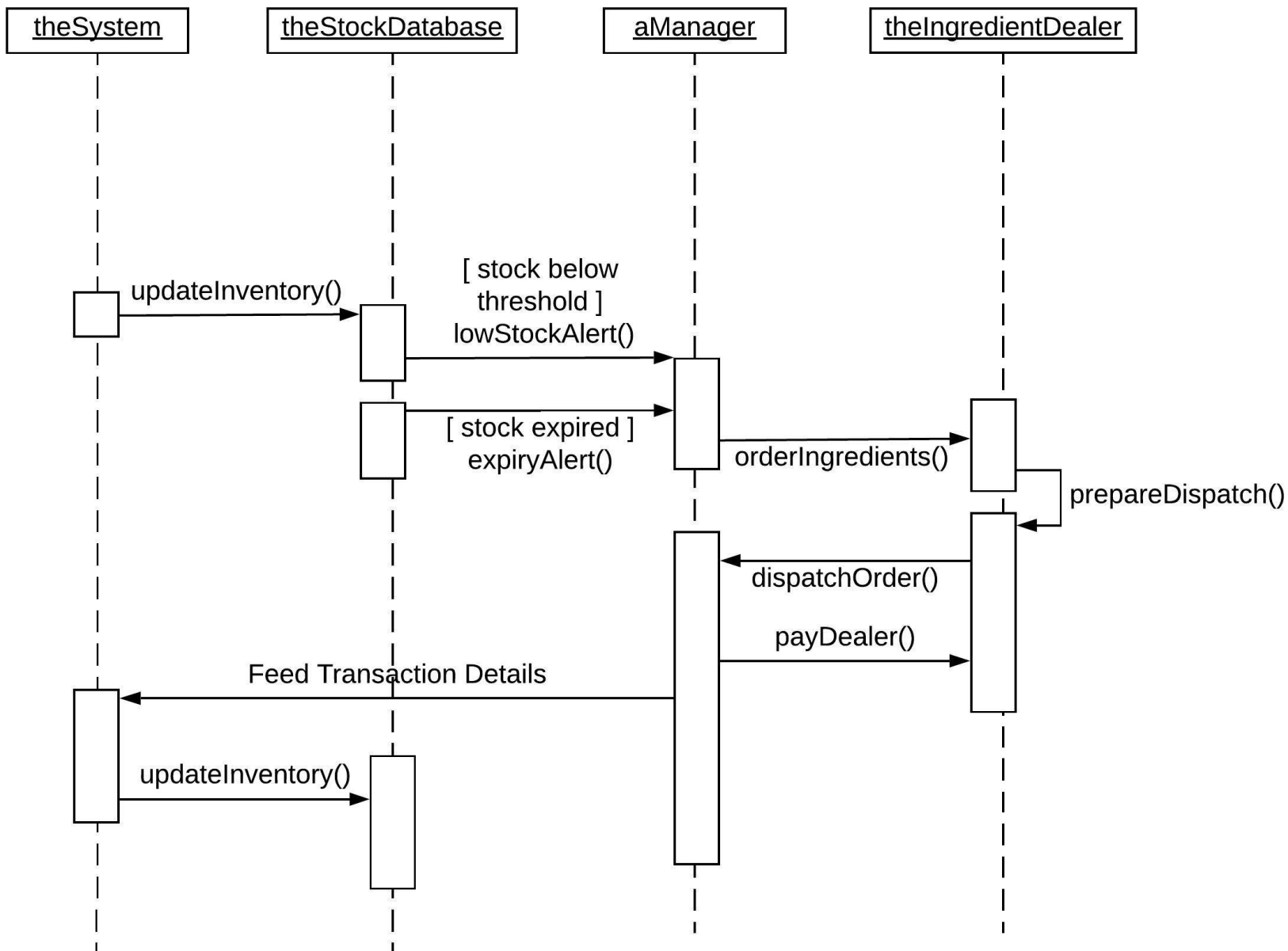
Prepared by Himanshu Mundhra

IIT Kharagpur

9th February, 2018

aCustomer	theMenu	theSystem	aManager	theRestaurant	theStockDatabase

seeMenu()

placeOrder()

generateReceipt()

receivePayment()

providePayment()

Order Validated

Notify Manager

updateInventory()

[Materials Sufficient]

forwardOrder()

produceOrder()

serveOrder()

Placing Order for Meal

aManager	anItem	theMenu

Change in Offer

Change in Item

[adding item] updateMenu()

addItem()

Change in Item

[modifying item] updateMenu()

modifyItem()

Change in Item

[deleting item] updateMenu()

deleteItem()

Updating Menu

theSystem	theStockDatabase	aManager	theIngredientDealer

updateInventory()

[stock below
threshold]
lowStockAlert()

[stock expired]
expiryAlert()

orderIngredients()

prepareDispatch()

dispatchOrder()

payDealer()

Feed Transaction Details

updateInventory()

Placing Order for Ingredients