

Problem: Ordering food in a restaurant

Things:

Customer

State: Name, Address, Phone

Behavior: order, search, cancel, track, reviews

Restaurant

State: URL, Items, location, cuisine, BankAccount

Behavior: search, display, placeOrder

Food

State: calories, ingredients, cost

CreditCard

State: Number, ExpiryDate, Name, Company, SecurityCode

CreditCardProvider

Behavior: authorizeTransaction

Internet

Behavior: search, findNextPage

Website

Data: Ubereats, Dominos, JackintheBox (Collection of Restaurant Websites)

Behavior: searchForRestaurants

Customer divya,

Restaurant dominos,

Food pizza,

CreditCard card,

CreditCardProvider visa,

OrderConfirmation response,

Internet internet,

Website website

divya.searchForRestaurant -> internet, location, cuisine : Collection of websites

PageNumber=1;

Loop

if divya.findsNoPage

break

end

divya.findNeededRestaurantInPage -> internet, location, cuisine ,page Number
restaurant

dominos=restaurant

if dominos not Empty and dominos != null

break

else

pageNumber=pageNumber+1;

end

End

Loop

divya.searchFood -> dominos, calories, ingredients : Collection of Items

pageNumber=1;

If Items in not empty

{break}

Else

pageNumber=PageNuner+1

end

End

divya.findDesirableItem -> Collection of Items : myFood

pizza=myFood

divya.orderFood -> dominos, pizza, card, address : orderConfirmation

response = orderConfirmation

Else

divya.cantOrderFood

End