

CRC Cards

5101 Group-002

abstract

User (Entity)

Manager, Customer, Staff

storeUserInformation

- id
- name
- password
- DOB
- address
- gender
- phone
- email

Customer (Use Case)		User
viewDishes placeOrder payBill leaveReviewAnonymously askForAssistance complainOnStaff	Review Order Dish	

Manager (Use Case)		User
storeManagerInformation payStaffSalary assignServingStaff manageMenu requestInventory manageStaffEnrolment adjustReviews	Staff Review Orders Material Product	

Staff (Entity)		User
storeStaffInformation		
salary		
name		
number		

Staff

ServingStaff (Use Case)

serveOrder
getOrderToBeServed
updateOrderStatus
RespondToCustomerRequest

OrderList

InventoryStaff(Use Case)

purchaseInventory
recordPurchases

Inventory

DeliveryStaff(Use Case)

deliveryOrder
updateOrderStatus
calculateDeliveryTime

OrderList

Kitchen(Controller)

cookOrder
updateDishStatus
getInventoryIngredient
updateInventory

Order
Inventory

PlaceOrderQueue(Use Case)

checkIngredientAvailability checkDeliveryPossibility addOrderToOrderBufferQueue	
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Order(Entity)

recordOrderNumber
recordOrderType
recordOrderStatus
orderDestination
orderTable
orderTotalPrice
getDelivered

Dish

Dish(Entity)

storeDishInformation

- name
- price
- ingredients
- feature
- photo
- allergyInformation
- calories

Material
Product

DishList(Use Case)

storeAllDishes
hasInventoryOfTheDish

Dish
Manager
Order
RestaurantSystem

OrderHistory(Use Case)

storeAllOrders
reportDishPopularity
calculateRevenue

Dish
Manager
Order

RestaurantInfo(Entity)

restaurantName
restaurantAddress
capacity
listKitchenStaff
listServingStaff

Manager
ServingStaff
KitchenStaff
Order

DishInfo(Use Case)

tableNum

Dish

RestaurantSystem (Controller)

holdCmdLineUI
displayMenu
userLoginHelper
generateDishList
generateUserList

UserList
Dish
Order

Review(Use Case)

addDish
addComment
addRate
ifComplainStuff
addCommentOnStuff

User
Dish
Stuff

abstract

Inventory(Entity)

Product, Material

name
usedup
price
quantity
getUsedup
getQuantity
updateQuantity

InventoryList
Dish
InventoryStaff
Kitchen
Manager

<div><div>abstract</div><div>Inventory</div><div>Product(Entity) Alcohol, SemiFinished, SoftDrink</div></div>	
expirydate getExpiryDate	InventoryList Dish Inventorystaff Kitchen Manager

Product	
SoftDrink(Entity)	
	InventoryList Dish Inventorystaff Kitchen Manager

Product	
Alcohol(Entity)	
	InventoryList Dish Inventorystaff Kitchen Manager

SemiFinished(Entity)		Product
	InventoryList Dish Inventorystaff Kitchen Manager	

<div> <div>abstract</div> <div>Inventory</div> <div>Material(Entity)</div> <div>Meat,Seafood,Seasoner,VegeFruit,Grain,DairySoy</div> </div>	
importdate freshness getFreshness setFreshness	InventoryList Dish Inventorystaff Kitchen Manager

Material	
VegeFruit(Entity)	
	InventoryList Dish Inventorystaff Kitchen Manager

Seasoner(Entity)		Material
	InventoryList Dish Inventorystaff Kitchen Manager	

Meat(Entity)		Material
	InventoryList Dish Inventorystaff Kitchen Manager	

Seafood(Entity)		Material
	InventoryList Dish Inventorystaff Kitchen Manager	

Material	
Grain(Entity)	
	InventoryList Dish Inventorystaff Kitchen Manager

DairySoy(Entity)		Material
	InventoryList Dish Inventorystaff Kitchen Manager	

InventoryList(Use Case)

myDict
addInventory
getItem
getFreshness
updateFreshness
getTotalQuantity

Inventory
Kitchen
Manager
Dish
InventoryStaff