CRC Cards

5101 Group-002

abstract	
User (Entity)	
Manager, Customer, Staff	
storeUserInformation - id - name - password - DOB - address - gender - phone - email	

User
Customer (Use Case)

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(Use Case)

cookOrder updateDishStatus getInventoryIngredient updateInventory	Order Inventory

PlaceOrderQueue(Use Case)

checkIngredientAvailability
checkDeliveryPossibility
addOrderToOrderBufferQueue

Order(Entity)

	Dish
recordOrderNumber recordOrderType recordOrderStatus orderDestination orderTable orderTotalPrice	

Dish(Entity)

storeDishInformation - name - price - ingredients - feature - photo - allergyInformation - calories	Material Product

Dish List(Entity)

storeAllDishes	Dish
	Manager
	Order
	Restaurant System

OrderHistory(Use Case)

storeAllOrders reportDishPopularity calculateRevenue	Dish Manager Order

RestaurantInfo(Entity)

restaurantName	Manager
restaurantAddress	ServingStaff
capacity	KitchenStaff
listKitchenStaff	Order
listServingStaff	

RestaurantSystem (Controller+UI)

holdCmdLineUI displayMenu userLoginHelper generateDishList generateUserList	UserList Dish Order

Review(Use Case)

addDish addComment addRate ifComplainStuff addCommentOnStuff	User Dish Stuff

abstract	
Inventory(entities)	
Product, Material	
name	InventoryList
usedup	Dish
price	InventoryStaff
quantity	Kitchen
getUsedup	Manager
getQuantity	
updateQuantity	

abstract	Inventory
Product(entities) **Alcohol, SemiFinished, SoftDrink**	
expirydate getExpiryDate	InventoryList Dish Inventorystaff Kitchen Manager

Product SoftDrink(entities)	
	InventoryList
	Dish
	Inventorystaff
	Kitchen
	Manager

Product Alcohol(entities)	
	InventoryList
	Dish
	Inventorystaff
	Kitchen
	Manager

Product SemiFinished(entities)	
	InventoryList Dish Inventorystaff Kitchen Manager

abstract	Inventory
Material(entities) Meat,Seafood,Seasoner,VegeFruit,Grain,DairySoy	
importdate freshness getFreshness setFreshness	InventoryList Dish Inventorystaff Kitchen Manager

VegeFruit(entities)	Material
	InventoryList
	Dish
	Inventorystaff
	Kitchen
	Manager

Seasoner(entities)	Material
	InventoryList Dish Inventorystaff Kitchen Manager

Meat(entities)	Material
	InventoryList Dish Inventorystaff Kitchen Manager

Seafood(entities)	Material
	InventoryList Dish Inventorystaff Kitchen Manager

Grain(entities)	Material
	InventoryList Dish Inventorystaff Kitchen Manager

DairySoy(entities)	Material
	InventoryList Dish Inventorystaff Kitchen Manager

InventoryList(Use Case)

myDict	Inventory
addIventory	Kitchen
getItem	Manager
getFreshness	Dish
updateFreshness	InventoryStaff
getTotalQuantity	