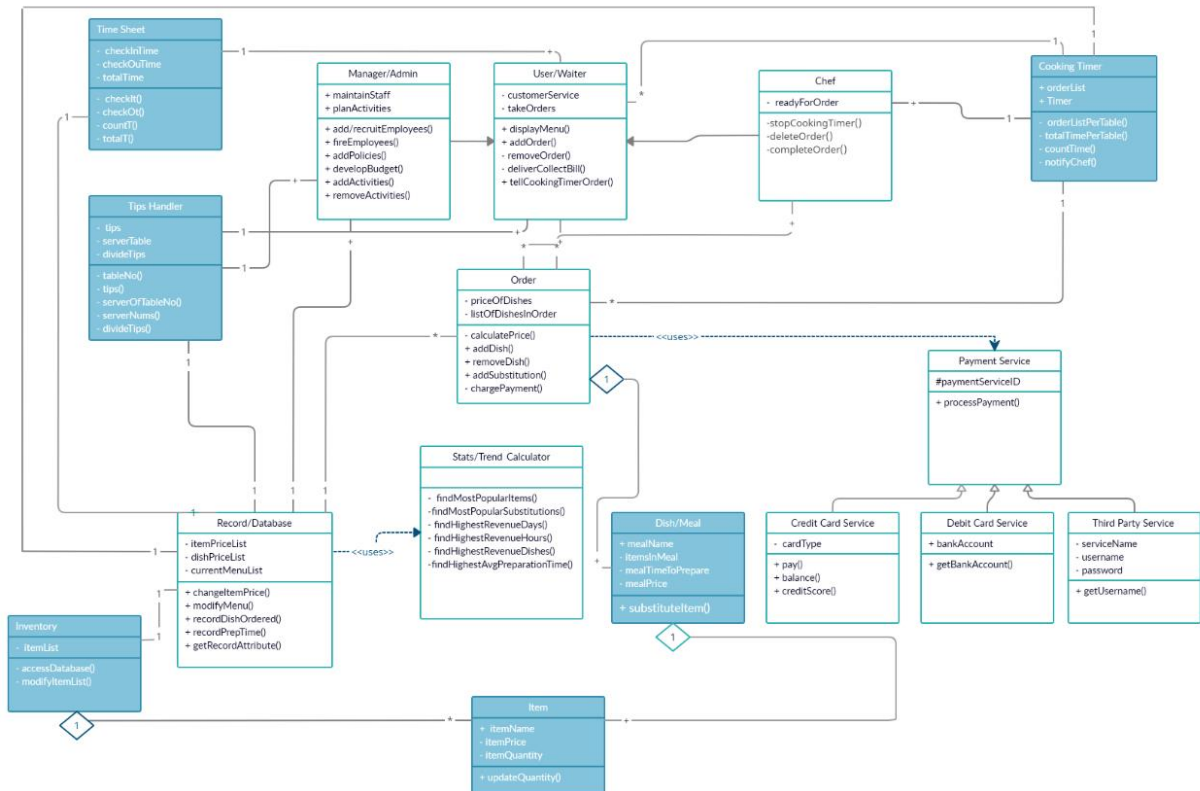# Milestone 3 – Stakeholders and Scenario-Based Elements

Team Name: Foodie Fighters

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Class diagrams:

CRC Index Cards:

User/Waiter	
Responsibility	**Collaborator**
customerService	Manager/Admin
takeOrders	Chef
DisplayMenu()	

AddOrder()	Order
RemoveOrder()	Order
DeliverCollectBill()	TipsHandler
TellCookingTimerOrder()	CookingTimer

Manager/Admin	
Responsibility	**Collaborator**
maintainStaff	Tips Handler
planActivites	User/Waiter
AddEmployees()	User/Waiter
FireEmployees()	User/Waiter
AddPolices()	
DevelopBudget()	Record/Database
AddActivites()	
RemoveActivites()	

Chef	
Responsibility	**Collaborator**
readyForOrder	Waiter
StopCookingTimer()	CookingTimer
DeleteOrderFromTimer()	CookingTimer
CompleteOrderFromTimer()	CookingTimer

Order	
Responsibility	**Collaborator**
priceOfDishes	Payment Service
listOfDishesInOrder	User/Waiter
CalculatePrice()	Payment Service
AddDish()	User/Waiter

RemoveDish()	User/Waiter
AddSubstitution()	User/Waiter
ChargePayment()	Payment Service

Dish/Meal	
Responsibility	**Collaborator**
mealName	
itemsInMeal	Item
mealTimeToPrepare	
mealPrice	Item
substituteItem()	Item

Record/Database	
Responsibility	**Collaborator**
ItemPrice	Item
dishPrice	Dish
currentMenuList	Dish
ChangeItemPrice()	Item
ChangeInventory()	Inventory
ChangeDishPrice()	Dish
AddDishPrice()	Dish
RemoveDishFromMenu()	Dish
RecordDishOrdered()	Dish
RecordPrepTime()	Cooking Timer
GetRecordAttribute()	

Time Sheets	
Responsibility	**Collaborator**
CheckInTime	User
CheckOutTime	User

TotalTime	
CheckIn()	User
CheckOut()	User
CountT()	
TotalT()	

Tips Handler	
Responsibility	**Collaborator**
Tips	Manager
ServerOfTable	User (each User is a Waiter)
TableTipList	
ServerOfTableNO()	User
ServerNums()	User
DivideETips()	Manager

Cooking Timer	
Responsibility	**Collaborator**
OrderList	Order
Timer	
OrderListPerTable()	Order
TotalTimePerTable()	
CountTime()	
NoticeChef()	Chef

Inventory	
Responsibility	**Collaborator**
itemList	Item
AccessDataBase()	Record
ModifyItemList()	Item

Item	

Responsibility	Collaborator
itemName	
itemPrice	
itemQuantity	
UpdateQuantity()	Inventory

Stats/Trend Calculator	
Responsibility	**Collaborator**
FindMostPopularItems()	Record/Database
FindMostPopularSubstitutions()	Record/Database
FindHighestRevenueDays()	Record/Database
FindHighestRevenueHours()	Record/Database
FindHighestRevenueDishes()	Record/Database
FindHighestAvgPreparationTime()	Record/Database

Payment Service	
Responsibility	**Collaborator**
paymentServiceID	
processPayment()	Record

Credit Card Service	
Responsibility	**Collaborator**
cardType	
pay()	Payment Service
balance()	
creditScore()	

Debit Card Service	
Responsibility	**Collaborator**
bankAccount	
GetBankAccount()	

Third Party Service	
Responsibility	**Collaborator**
serviceName	

username	
password	
get()	

Package Diagram: