OnlineOrderSystem

- Order_List: List(Order)
- Inventory: Inventory
- Customer_List: List(Customer)

+ CustomerOrder(): void
+ CancelOrder(): void
+ DisplayReadyOrder(): List(Order)
+ Checkout(): String

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Customer

- ID: int
- Name:String
- Email: String
- Phone: Int
- Username: String
- Password: String

+ GetID(): Int
+ GetName(): String
+ GetEmail(): String
+ GetPhoneNumber(): Int
+ Login(): boolean
+ Logout(): boolean
+ CheckOrder(): boolean

Staff

- ID: int
- Name:String
- Email: String
- Phone: Int
- Username: String
- Password: String

+ GetID(): Int
+ GetName(): String
+ GetEmail(): String
+ GetPhoneNumber(): Int
+ Login(): boolean
+ Logout(): boolean
+ RefillFood(): int
+ CheckOrderState(): boolea

Inventory

- ID: int
- Price: int
- Drinks: int(e.g 10000ml)
- Fries: int(e.g 50000g)
- Burger: int
- warp: int
- Food_List: List(food)

+ CheckFoodRemaining(): int
+ CheckFoodAvailable(): Boolean

Order

- ID: int
- Food_List: List(Food)
- Customer: Customer

+ AddFood() : Boolean
+ SetCustomer() : void
+ SearchFood() : Food
+ GetCustomer() : Customer
+ Checkout(): String

Food

- ID: int
- Price: int
- Type: String

+ GetFoodID: int
+ GetFoodPrice: int

Extends

Extends

Main

- ID: int
- Price: int
- Size: int(Like single,Double)
- Type: Type
- Description: String

+ GetFoodID: int
+ GetPrice: int

Other

- ID: int
- Price: int
- Description: String

+ GetFoodID: int
+ GetPrice: int
+ GetDescription: String

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                                    ┌─────────────────────────────┐
                                    │ + GetType: Type             │
                                    │ + GetSize: String           │
                                    │ + GetDescription: String    │
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                                     Extends              Extends
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Burger

- ID: int
- Price: int （basic price）
- Size: String(Like single,Double)
- Buns: List(String)
- Patties: List(String)
- Ingredients: List(String)
- Description: String

- + GetFoodID: int
- + CaculatePrice: int
- + GetType: Type
- + GetSize: String
- + GetDescription: String

Wrap

- ID: int
- Price: int
- Size: int(Like single,Double)
- Buns: List(String)
- Patties: List(String)
- Ingredients: List(String)
- Description: String

- + GetFoodID: int
- + CaculatePrice: int
- + GetType: Type
- + GetSize: String
- + GetDescription: String

Extends   Extends

Nuggets

- ID: int
- Price: int
- Size: int(3 or 6)
- Description: String

- + GetFoodID: int
- + GetPrice: int
- + GetSize: int
- + GetDescription: String

Fries

- ID: int
- Price: int
- Size: String(small or me
- Description: String

- + GetFoodID: int
- + GetPrice: int
- + GetSize: String
- + GetDescription: String

Extends

Drinks

- ID: int
- Price: int
- Size: String(small or me
- Type: String(Coke,Wate
- Description: String

- + GetFoodID: int
- + GetPrice: int
- + GetSize: String
- + GetDescription: String