Class Diagram for Online Restaurant Restaurant System +add ingredient(): void +refill ingredient(): void +decrement_ingredient(): void +get stock status(): dictionary +search_item(): Item +get_ingredients(): list +get_buns(): list +get_patties(): list +get_other_ingredients(): list Stock +get_drinks():list + add_new_ingredient(): void Order Log +get_sides(): list +decrement_inventory(): void + cancel_order(): void +get sundaes(): list +get_status(): dictionary 1 1 +get_served_orders(): list +get_items_names(): list 1 +refill(): void +get_current_orders(): list +get_items_prices(): list +get_item_quantity(): int +get_next_order(): Order +get_small_side_prices(): list +view_inventory(): dictionary +serve order(): void +get_medium_side_prices(): list +get_ingredients(): list +checkout_order(): void +get_large_side_prices(): list +is_inStock(): bool +get_items_quantities(): dictionary +get_order(): Order 1 1 +is_ready(): bool +get current orders(): list +get_served_orders(): list +get_next_order(): Order +serve order(): void +is_valid_order(): bool +checkout order(): bool +cancel_order(): void +load_data(): void 0. Side 0..* - name: str **Orders** - small_price, medium_price, arg_size: float 1 + add main(): void - small_weight, medium weight, large_weight: int +add_side(): void +get_weight(size: side_size) : float + add_drink(): void +get_price(size: side_size) : float +add_sundae(): void +get_ID(): int +get_type(): Main_type +get_main(): MainDish +get sides(): list +get_drinks(): list Drinks +get sundaes(): list - name: str +set_type(): void 0..* - price: float +get all items(): list - size: int Item +total_cost(): float +get_size(): Size 0..* - name: str +get_quantities(): list +get_price(): float - price: float +get_name(): str 0..* +get_price(): int +set_name(): void Sundae +set_price(): void - name: str - small_price, medium_price, arg_size: float - small_weight, medium weight, large_weight: int +get_weight(size: side_size) : float +get_price(size: side_size) : float 0..* MainDish 1 - type: str + add_ingredient() +get_type() Ingredients 1..* +get_mainList() - name: str +set_type() - price: float +total cost() -max allowed: int +get_quantities() -ingredient type: str +get max allowed(); int +get_ingredient_type(): Integredient_type