

Visual Paradigm Online Free Edition

<=enumeration>> UserRoles
ADMIN
CLIENT
CHEF

Chef

- description: String
- voidCheque: String
- chefRating: int
- numOfMealsSold: int
- isSuspended: boolean
- suspensionDate: Date
- + MEALS: Meals
- + getDescription(): String
- + setDescription(String description)
- + getVoidCheque(): String
- + setVoidCheque(String voidCheque)
- + getChefRating(): int

Meals

- meals: Map<String, Meal>
- + getMeal(String mealID): Result<Meal, String>
- + setMeals(Map<String, Meal> mealsData)
- + addMeal(Meal newMeal): Response

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CreditCard

- clientId: String
- brand: String
- name: String
- number: String
- cvc: String
- expiryMonth: int
- expiryYear: int
- + getClientId(): String
- + setClientId(String clientId): CreditCard
- + getBrand(): String
- + setBrand(String brand)
- + getName(): String
- + setName(String name)
- + getNumber(): String
- + setNumber(String number)
- + getCvc(): String
- + setCvc(String cvc)
- + getExpiryMonth(): int
- + setExpiryMonth(int expiryMonth)
- + getExpiryYear(): int
- + setExpiryYear(int expiryYear)
- validateName(String name): boolean
- validateNumber(String number): boolean
- validateCVC(String number): boolean
- validateExpiryMonth(int month): boolean
- validateExpiryYear(int year): boolean

Admininhox

- complaints: HashMap<String, Complaint>
- + getComplaints(): Map<String, Complaint>
- + getListOfComplaints(): ArrayList<Complaint>
- + addComplaint(Complaint complaint)
- + addComplaints(List<Complaint> complaints)
- + removeComplaint(String complaintId)
- + getComplaint(String complaintId): Complaint



Complaint

- id:String
- title: String
- description: String
- clientId: String
- chefld: String
- orderld: String
- isResolved: boolean
- dateSubmitted: Date
- + getId(): String
- + setId(String id)
- + getTitle(): String
- + setTitle(String title)
- + getDescription(): String
- + setDescription(String description)
- + getClientId(): String
- + setClientId(String clientId)
- + getChefld(): String
- + setChefld(String chefld)
- + getOrderId(): String
- + setOrderId(String orderId)
- + getDateSubmitted(): Date
- + setDateSubmitted(Date datesubmitted)
- + isResolved(): boolean
- + setResolved(boolean resolved
- + getComplaintDataMap(): Map<String,Object>
- + compare(Complaint complaint1, Complaint complaint2): int

± setChefRating(int chefRating) + addMealToOfferedList(String mealID): Response + getNumOfMealsSold(): int + removeMeal(String mealID): Response + setNumOfMealsSold(int numOfMealsSold) + removeMealFromOfferedList(String mealID): Response + getMeal(String mealID): Meal + updateMeal(Meal meal): Response + addMeal (Meal newMeal) + getMenu(): Map<String, Meal> + removeMeal (Meal removeMeal) + getOfferedMeals(): Map<String, Meal> + getIsSuspended(); boolean + getListOfMeals(): List<Meal> + setIsSuspended(boolean isSuspended) + getListOfOfferedMeals(): List<Meal> + getSuspensionDate(): Date + setSuspensionDate(Date suspension) + getMeal(String mealID): Meal + addMeal(Meal newMeal) + removeMeal(Meal removeMeal) + isSuspended(): boolean + setSuspended(boolean suspended) * Meal - errorMsg: String - name: String - mealID: String - chefID: String cuisineType: String - mealType:String - ingredients: String - allergens: ArrayList<String> - description: String - offered: boolean - price: double + getName(): String + setName(String name) - validateName(String name): boolean + getMealID(): String + setMealID(String mealID) + getChefID(): String + setChefID(String chefID) + getCuisineType(): String + setCuisineType(String cuisineType) validateCuisineType(String cuisineType): boolean + getMealType(): String + setMealType(String mealType) + getIngredients(): String + setIngredients(String ingredients) + getAllergens(): ArrayList<String> + setAllergens(ArrayList<String> allergens) + getDescription(): String + setDecription(String description) + isOffered(): boolean + setOffered(boolean offered) + getPrice(): double + setPrice(double price)

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