User

firstName: String
lastName: String
email: String
password: String
address: Address
userId: int
role: UserRoles

+ getFirstName(): String
+ setFirstName(String firstName)
- validateName(String name): boolean
+ getLastName(): String
+ setLastName(String lastName)
+ getEmail(): String
+ setEmail(String email)
- validateEmail(String email): boolean
+ getPassword(): String
+ setPassword(String password)
- validatePassword(String password): boolean
- checkMatchingPasswords(String password): boolean
+ getAddress(): Address
+ setAddress(Address address)
+ getUserId(): String
+ setUserId()
+ getRole(): UserRoles
+ setRole(UserRoles role)

Address

+ streetAddress: String
+ city: String
+ postalCode: String
+ country: String

+ getStreetAddress(): String
+ setStreetAddress (String streetAddress)
+ getCity(): String
+ setCity(String city)
+ getPostalCode(): String
+ setPostalCode(String postalCode)
+ getCountry(): String
+ setCountry (String country)

<<enumeration>>
UserRoles

ADMIN
CLIENT
CHEF

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Client

- clientCreditCard: Creditcard

+ getClientCreditCard(): CreditCard
+ setClientCreditCard(CreditCard clientCreditCard)

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Admin

+ suspend (Chef chef)
+ deleteComplaint(Complaint complaint)

Chef

- description: String
- voidCheque: String
- chefRating: int
- numOfMealsSold: int
- chefMenu: Map<String, Meal>

+ getDescription(): String
+ setDescription(String description)
+ getVoidCheque(): String
+ setVoidCheque(String voidCheque)
+ getChefRating(): int
+ setChefRating(int chefRating)
+ getNumOfMealsSold(): int
+ setNumOfMealsSold(int numOfMealsSold)

CreditCard

- clientId: String
- brand: String
- name: String
- number: String

Meal

- name: String
- mealID: String
- chefID: String
- cuisineType: String

CreditCard (partial)

- cvc: int
- 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)
- validateNumber(String number): boolean
+ getCvc(): int
+ setCvc(int cvc)
+ getExpiryMonth(): int
+ setExpiryMonth(int expiryMonth)
+ getExpiryYear(): int
+ setExpiryYear(int expiryYear)

Meal (partial)

- mealType:String
- ingredients: String
- allergens: String
- description: String
- offered: boolean
- price: double

+ getName(): String
+ setName(String name)
+ getMealID(): String
+ setMealID(String mealID)
+ getChefID(): String
+ setChefID(String chefID)
+ getCuisineType(): String
+ setCuisineType(String cuisineType)
+ getMealType(): String
+ setMealType(String mealType)
+ getIngredients(): String
+ setIngredients(String ingredients)
+ getAllergens(): String
+ setAllergens(String allergens)
+ getDescription(): String
+ setDecription(String description)
+ isOffered(): boolean
+ setOffered(boolean offered)
+ getPrice(): double
+ setPrice(double price)

(partial class)

+ getMeal(String mealID): Meal
+ addMeal (Meal newMeal)
+ removeMeal (Meal removeMeal)

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LoggedInUser

- userId: String
- displayName: String

+ getUserId(): String
+ getDisplayName(): String