

- number : unsigned long

getCardholder() : string

CreditCard()

~CreditCard()

- email : string

Paypal()

+ ~Paypal()

+ setEmail(email : string)

+ getEmail() : string&

- cardholder : string

- order_references: vector<unsigned long> - id_reviews: vector<unsigned long> + getUsers: vector<User> + getProducts: vector<Product> + getUsers() : User + getProducts() : Product + login (email : string, password : string) : bool + logout() : bool + isLogged(): bool + getCurrentMember() : User + addUser(username : string, email : string, password : string, employee_code : unsigned long) : bool + addAdministrator(username : string, email : string, password : string, employee_code : unsigned long) : bool + eraseCurrentMember() : bool + editUsername(new_username : string) : bool + editEmail(new_email : string) : bool + editPassword(new_password : string) : bool + addAddress(address : string, city : string, province : string, postal_code :unsigned int) : bool + addCreditCard(Address : Address, number : unsigned long, cardholder : string) : bool + addPaypal(Address : Address, email : string) : bool + addProduct(name : string, description : string, reference : unsigned long, price : float) : bool + showMembers() : PublicUserData + makeOrder(products : vector<unsigned long>, payment_method : int, delivery_address : int) : bool + createReview(reference : unsigned long, rating : int, text : string) : bool $+\ get Reviews By Rating (reference: unsigned long, \ rating: int): Review$ + upvoteReview(id : unsigned long) : bool + downvoteReview(id : unsigned long) : bool

- current_member : int = 0 users: vector<User>

- products: vector<Product>

+ Manager() - ~Manager() Interface - manager : Manager - shopping_cart: vector<Product>

+ modifyReviewRating(id : unsigned long, new_rating : int) : bool

+ modifyReviewText(id : unsigned long, new_text : string) : bool

+deleteReview(id : unsigned long) : bool

+ saveToFile(route : string)

+ loadFromFile(route : string)

+ FrontPageMenu() + HomeMenu() + HomeMenuAdministrator() + editAccountMenu() + makeOrderMenu() + editProductMenu()

+ addUser(): bool + login() : bool + editUsername() : bool

+ addProduct() + showProfile(): string + showUserData() : string + showAddress() : string + showMembers() : string + showOrders() : string + showProducts() : string + showCart() : string + addProductToCart() : bool + makeOrder() : bool + createReview()

+ ~Interface()

+ editPassword() + editAddress() + editPaymentMethod() + addAddress() + addPaymentMethod() + addCreditCard(id : int, billing_address : Address) + addPaypal(id : int, billing_address : Address) + showPaymentMethod() : string + eraseProductFromCart() : bool

+ editEmail(): bool

+ Interface(m : Manager)