

Admin
shop: static Shop username: static String password: static int email: static String
Admin: public (String input_username, int input_password, String input_email, Shop input_shop)  EditProfile, ShopReview, ConfirmFund, ConfirmSeller, ConfirmOrder, UserReview: public void

Authenticator
shop: static Shop
public Authenticator(Shop input_shop) public static int Hash(String password) public User LoginUser() public User RegisterUser() public Admin LoginAdmin() public Admin RegisterAdmin() public Seller LoginSeller() public Seller RegisterSeller()

Cart
static User user static int amount static ArrayList<CartProduct> cart = new ArrayList<CartProduct>()
public Cart(User input_user) public void Edit() public void Add(String name)

CartProduct
static String name static int cnt
public CartProduct(String input_name, int input_cnt) public void Show()

Main
static Shop shop static User current_user static boolean isUser static Admin current_admin static boolean isAdmin static Seller current_seller static boolean isSeller
public static void main(String[] args) public static boolean runMenu()

Order
static User user static ArrayList<CartProduct> cart = new ArrayList<CartProduct>()
public Order(User input_user) public void Show()

Product
static int price static ArrayList<String> comments = new ArrayList<String>() static String type static String category static Seller seller
public Product(String input_name, int input_price, int input_cnt, String input_type, String input_category, Seller input_seller) public void Show() public void Update()

Seller
static Shop shop static String company_name static int password static ArrayList<String> available = new ArrayList<String>() static float wallet static boolean registered
public Seller(String input_company_name, int input_password, Shop input_shop) public void ViewProfile() public void EditProfile()

Shop
static String name static String webaddress static String phone static ArrayList<User> users = new ArrayList<User>() static ArrayList<User> fund_users = new ArrayList<User>() static ArrayList<User> purchased_waiting_users = new ArrayList<User>() static ArrayList<Seller> unconfirmeds = new ArrayList<Seller>() static ArrayList<Admin> admins = new ArrayList<Admin>() static ArrayList<Seller> sellers = new ArrayList<Seller>() static ArrayList<Product> products = new ArrayList<Product>() static float wallet static Authenticator authenticator
public Shop(String input_name, String input_webaddress, String input_phone) public User LoginUser() public User RegisterUser() public Admin LoginAdmin() public void RegisterAdmin() public Seller LoginSeller() public Seller RegisterSeller() private Product findProduct(String input_product_name) public void Purchase(User user) public void ConfirmOrder() private void finalPurchase(User user) public void RequestFund(User current) public void Reserve(CartProduct cart_product, Cart cart) public void Release(CartProduct cart_product, Cart cart) public void ShowProduct(Product product, Cart cart) public void ShowProduct(Product product, Cart cart) private void showUser(User user) public void UserReview() public void UserReview() public void ConfirmSeller() public void AddProduct(Seller seller) public void UpdateProduct(Seller seller) public void Show()

User
static Shop shop static String username static int password static String email static String phone static String address static Cart cart static ArrayList<Order> history = new ArrayList<Order>() static ArrayList<CartProduct> purchased = new ArrayList<CartProduct>() static int fund_requested_amount static float wallet
public User(String input_username, int input_password, String input_email, String input_phone, String input_address, Shop input_shop) public void ViewProfile() public void ViewProfile() public void EditCart() public void Purchase() public void Search() public void RequestFund() public void RequestFund()