Project | Online shop

UML Class Diagram

OrderProduct
- id: int
- order: PurchaseOrder
- product: Product
- amount: int
- priceItem: double

+ OrderProduct(PurchaseOrder order,
  Product product, int amount, double priceItem)

// setters, getters

Address
- id: int
- city: String
- country: String
- addressType: AddressType
- customer: Customer

+ Address(String city, String country, AddressType
  addressType, Customer customer)

// setters, getters

Customer
- id: int
- numberIdentification: Integer
- profileType: ProfileType
- name: String
- birthDate: Date
- lastName: String
- accountType: AccountType
- taxNumber: String
- orders: List<PurchaseOrder>
- addresses: List <Address>

+ Customer(Integer numberIdentification, ProfileType
  profileType, String name, Date birthDate,
  String lastName, AccountType accountType,
  String taxNumber, List<PurchaseOrder> orders,
  List<Address> addresses)

// setters, getters

PurchaseOrder
- id: int
- orderDate: Date
- customer: Customer
- status: Status
- products: List<Product>

+ PurchaseOrder(Date orderDate, Status status,
  Customer customer)

// setters, getters

Product
- id: int
- price: Double
- name: String
- amountInStock: Integer
- orders: List<PurchaseOrder>

+ Product(Double price, String name, Integer
  amountInStock, Category category)

// setters, getters

AddressType
<<ENUM>>

- PERMANENT
- SHIPPING

+ getters

Status
<<ENUM>>

- SUBMIT_FIR_SHIPMENT
- SORTING_OFFICE
- IN_DELIVERY
- DELIVERED

+ getters

ProfileType
<<ENUM>>

- STANDARD
- GOLD
- PREMIUM
- EXTRA_PREMIUM

+ getters

AccountType
<<ENUM>>

- INDIVIDUAL
- COMPANY

+ getters

Category
<<ENUM>>

- HOME
- GARDEN
- FASHION
- MOTORIZATION

+ getters