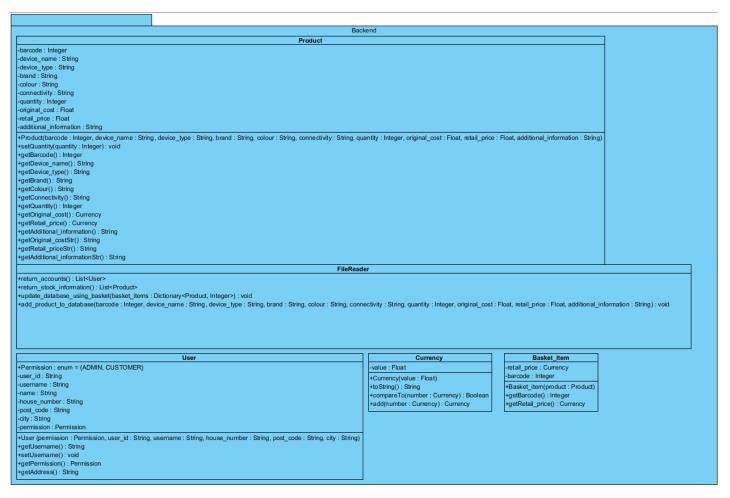
Backend package: Deals with file handling and database modifications.



```
Product
-barcode : Integer
-device_name : String
-device_type : String
-brand : String
-colour : String
-connectivity : String
-original_cost : Float
-retail price : Float
-additional_information : String
+Product(barcode: Integer, device_name: String, device_type: String, brand: String, colour: String, connectivity: String, quantity: Integer, original_cost: Float, retail_price: Float, additional_information: String)
+setQuantity(quantity: Integer): void
+getBarcode(): Integer
+getDevice_name(): String
+getDevice_type(): String
+getBrand() : String
+getColour() : String
+getConnectivity(): String
+getQuantity(): Integer
+getOriginal_cost(): Currency
+getRetail_price(): Currency
+getAdditional_information(): String
+getOriginal_costStr() : String
+getRetail_priceStr(): String
+getAdditional_informationStr(): String
```

Filereader handles reading and writing to database and making copies of its data.

## +Permission: enum = {ADMIN, CUSTOMER} -user\_id: String -username: String -name: String -house\_number: String -post\_code: String -city: String -permission: Permission +User (permission: Permission, user\_id: String, username: String, house\_number: String, post\_code: String) +getUsername(): String +setUsername(): void +getPermission(): Permission +getAddress(): String

Currency is a custom class that lets me manipulate floats as

## -value : Float +Currency(value : Float) +toString() : String +compareTo(number : Currency) : Boolean +add(number : Currency) : Currency

## Basket\_item -retail\_price : Currency -barcode : Integer +Basket\_item(product : Product) +getBarcode() : Integer +getRetail\_price() : Currency

GUI package: Deals with frontend.

I tried to only include the most relevant parts of the javafx.

