

WS32 SOFTWARE PRINCIPLES GROUPS

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TEAM 2:

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- Attributes in different sizes are written with camelcases|

```
public class Person {  
    private String name;  
    private String lastname;  
    private String telephoneNumber;  
    private String Email;  
    private String ID;  
  
    public Person(String name, String lastname, String telephoneNumber, String Email, String ID) {  
        this.name = name;  
        this.lastname = lastname;  
        this.telephoneNumber = telephoneNumber;  
        this.Email = Email;  
        this.ID = ID;  
    }  
}
```

```
private Customer client;
private int numberOfBill = 1;
private float priceOfWorkforce;
private float discount;
```

- Unnecessary comments

```
/**
 * Returns the Email
 */
public String getEmail() {
    return Email;
}

/**
 * Updates Email the Email to new
 */
public void setEmail(String Email) {
    this.Email = Email;
}

/**
 * Returns the ID
 */
public String getID() {
    return ID;
}

/**
 * Updates ID the ID to new
 */
public void setID(String ID) {
    this.ID = ID;
}

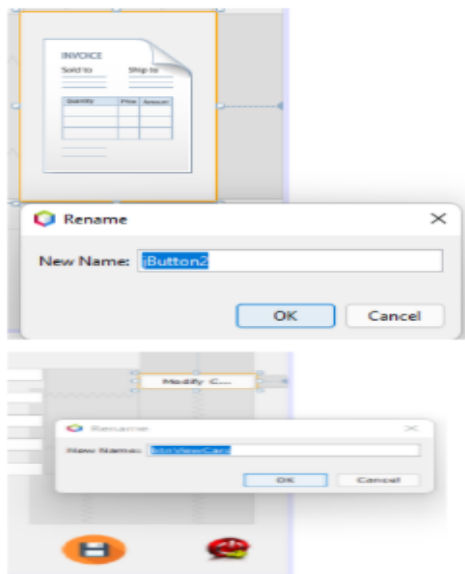
61     String name ;
62     int quantity;
63     >>>>>> e4b3f82c2e54cd426697e6dle44a137df95afedb
64     */
65 }
66
```

- Comments not deleted

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package ec.edu.espe.mechanic.utils;

import com.mongodb.BasicDBObject;
```

- Don't change variable names



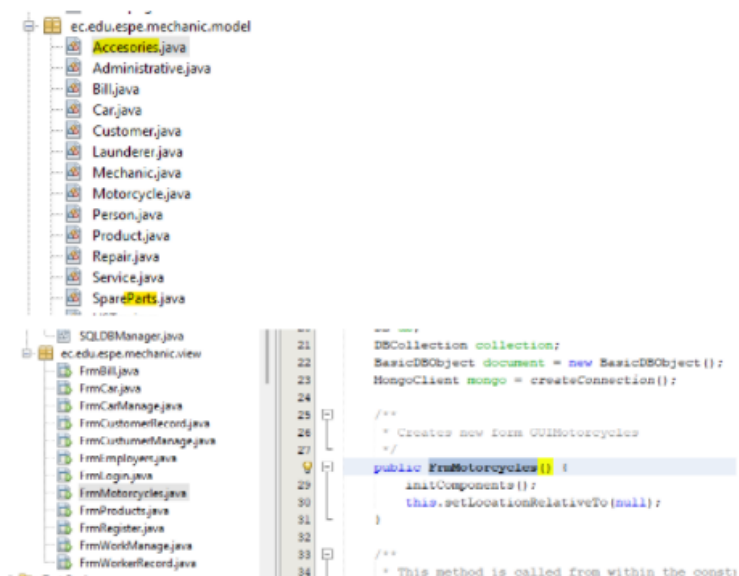
- Capital letters are not used

```
public class ValueProduct {
    BasicDBObject document = new BasicDBObject();

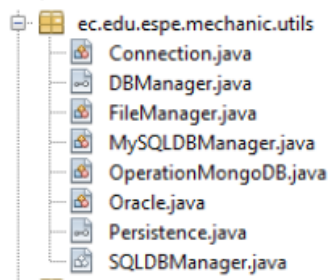
    public DBObject addProduct(String name, int quantity, int price) {
        document.put("Name", name);
        document.put("Quantity", quantity);
        document.put("Price", price);
        return null;
    }
}
```

- Class names must be singular nouns

```
DB db = mongo.getDB(database);
181 DBCollection dbCollection = db.getCollection(collection);
182 BasicDBObject searchedName = new BasicDBObject();
183 BasicDBObject updateData = new BasicDBObject();
184 try {
```



-**Single responsibility** (The connection to the database must be made by a single class, not two.)



-Open / Closed Principe

Change the name of the array related to the project and the records it manages

```
private void btnDeleteActionPerformed(java.awt.event.ActionEvent evt) {  
    JSONArray jrr = new JSONArray();  
    Object ob = null;  
    JSONParser Jp = new JSONParser();  
    //fetch file--
```

- The graphical view interface has 3 additional buttons that do not explain the operation (methods declared without using).

CUSTOMER PERSONAL INFORMATION			
Name:	<input type="text" value="Mateo"/>	Row:	<input type="text" value="1"/>
Last Name:	<input type="text" value="Landazuri"/>	Column:	<input type="text" value="1"/>
Telephone Number:	<input type="text" value="12345678"/>	Menu Data:	<input type="text" value="1"/>

CUSTOMER PERSONAL INFORMATION

Name: Row:

Last Name: Column:

Telephone Number: New Data:

Email:

ID:

Name	Last Name	Telephone N...	Email	ID