

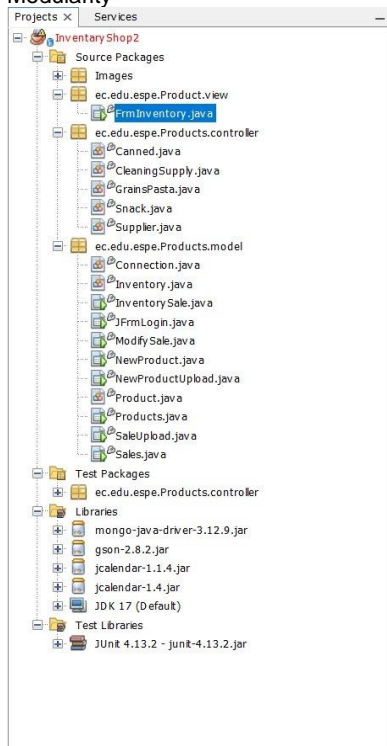
Inspector: T8 (Rocket Team) Leader: Alan Shuguli
Team: T4 (The ½ java programmer) Leader: Alejandro De la Cruz
Project: Inventoryshop3

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Modularity	10/10	
Clean code	8.5/10	
MVC	9/10	
One design pattern		0/10
Diagrams consistency	8/10	
Unit tests	5/10	
GUI navigability	10/10	
GUI fields validation	5/10	
Functionality	9.5/10	
MongoDB	10/10	
TOTAL		75 /100

Modularity

Modularity



All ok, three packages created
Clean code

All Frm must go on the **view** of the project

```

public class FrmInventory extends javax.swing.JFrame {

    Calendar fecha_actual = new GregorianCalendar();
    MongoClient<Document> MongoConnection = new MongoClient().getCollection("MongoConnection");
    DefaultTableModel tabla = new DefaultTableModel() {
        @Override
        public boolean isCellEditable(int row, int column) {
            return false; //To change body of generated methods, choose Tools | Templates.
        }
    };

    public FrmInventory() {

        initComponents();

        txtExpirationDate.setCalendar(fecha_actual);
        setLocationRelativeTo(null);
    }
}

```

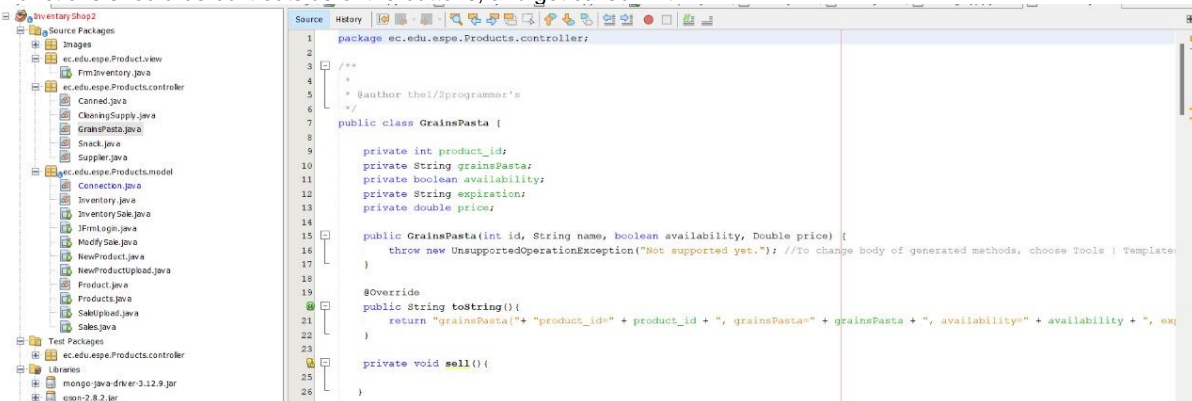
-Commented lines in the code

```

367         } catch (Exception err) {
368             JOptionPane.showMessageDialog(this, "ERROR");
369         }
370
371     private void jMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) {
372         Products obj = new Products();
373         obj.setVisible(true);
374         obj.setLocationRelativeTo(null);
375         this.dispose();
376     }
377
378     private void jMenuItem2ActionPerformed(java.awt.event.ActionEvent evt) {
379         NewProduct obj = new NewProduct();
380         obj.setVisible(true);
381         obj.setLocationRelativeTo(null);
382         this.dispose();
383     }
384
385     private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent evt) {
386         System.exit(0);

```

-Functions should be built outside of the buttons, and get called in it.



```

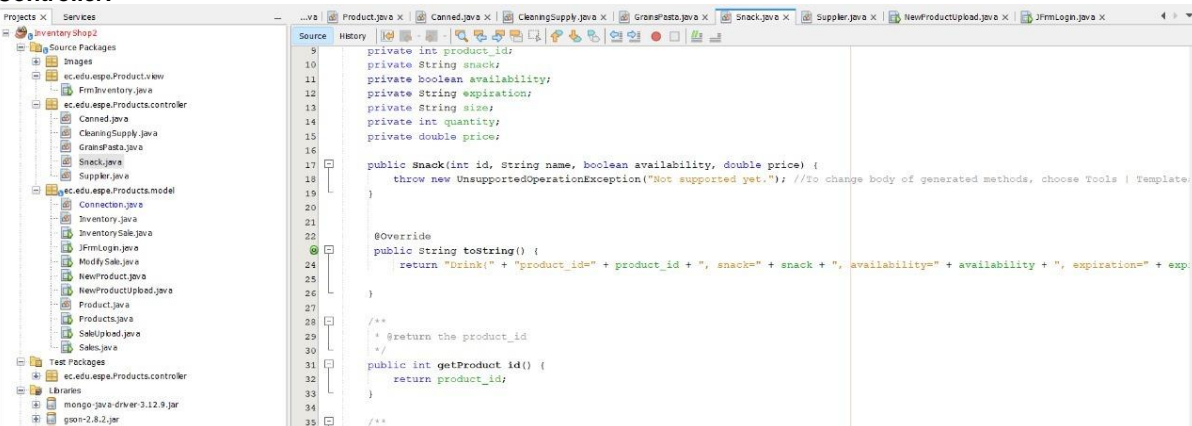
1 package ec.edu.espe.Products.controller;
2
3 /**
4  *
5  * @author the1/2programmer's
6  */
7 public class GrainsPasta {
8
9     private int product_id;
10    private String grainsPasta;
11    private boolean availability;
12    private String expiration;
13    private double price;
14
15    public GrainsPasta(int id, String name, boolean availability, Double price) {
16        throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Template
17    }
18
19    @Override
20    public String toString() {
21        return "grainsPasta[" + "product_id" + product_id + ", grainsPasta=" + grainsPasta + ", availability=" + availability + ", exp
22    }
23
24    private void sell() {
25
26    }
27

```

Attributes should be declared in lowerCamelCase, Error: (product_id)

MVC

Controller:



```

9     private int product_id;
10    private String snack;
11    private boolean availability;
12    private String expiration;
13    private int quantity;
14    private double price;
15
16    public Snack(int id, String name, boolean availability, double price) {
17        throw new UnsupportedOperationException("Not supported yet."); //To change body of generated methods, choose Tools | Template
18    }
19
20
21    @Override
22    public String toString() {
23        return "Drink[" + "product_id" + product_id + ", snack=" + snack + ", availability=" + availability + ", expiration=" + exp
24    }
25
26
27
28    /**
29     * @return the product_id
30     */
31    public int getProductId() {
32        return product_id;
33    }
34
35    /**

```

Everything Ok in the controller:

Model:

Classes have correct declaration, but Frm should go on view package
View:

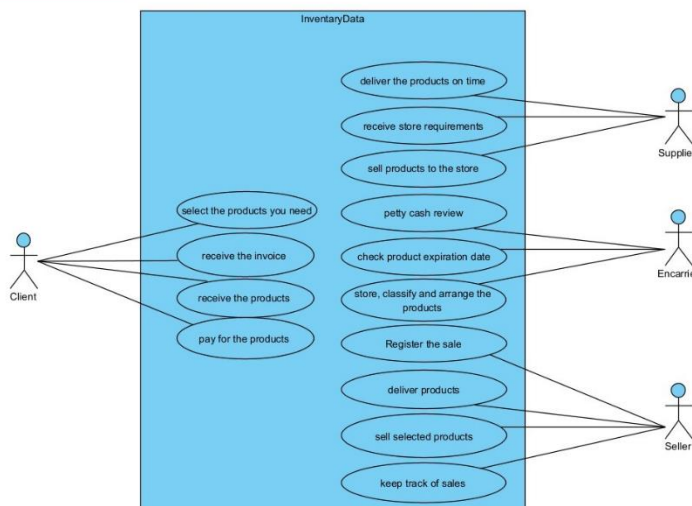
No code in the buttons, everything Ok

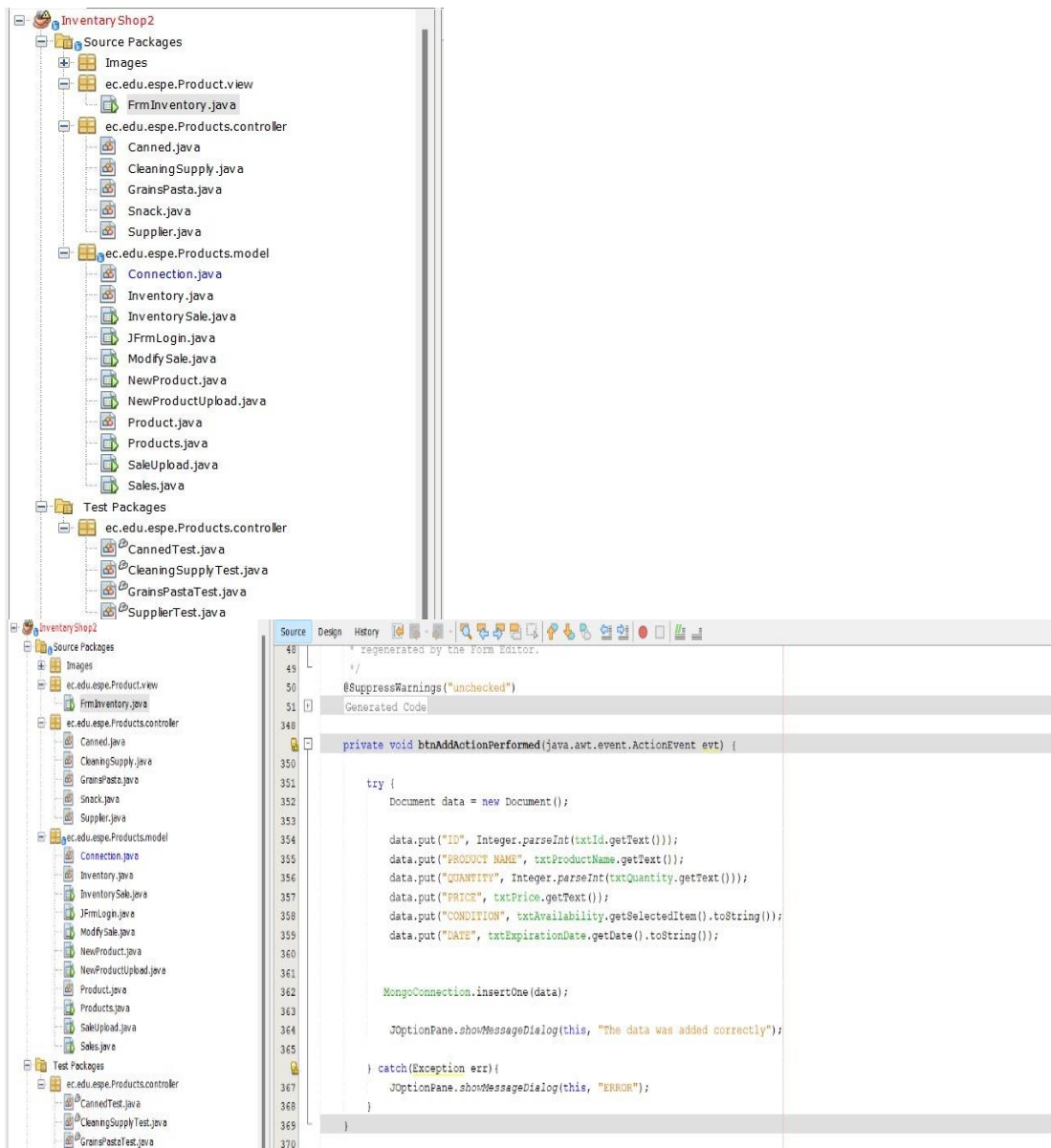
One design pattern:

There is no pattern

Diagrams consistency

THE1/2JAVAPROGRAMMES





- Use Case Diagram has more attributes than the Frm in the view packages.
- The Frm's don't use all the attributes of the classes

ID CLOUD	ID PRODUCT	QUANTITY	SOLD PRICE	TOTAL SOLD	DATE SOLD


 UPLOAD TABLE


 DELETE


 MODIFY


 RETURN

Products Sold

INVENTORY SHOP

Id:

Quantity:

Sold Price:

Date Sold: 

Total Sold:


 ADD


 RETURN

GUI fields validation

Menu Products Inventory Sales Inventory


INVENTORY SHOP

Product Information

Id: 1321asd

Product Name: aasd

Quantity: 123as



Price: 500.e

Availability: No

Expiration Date: 24 feb 2022

ADD

Functionality

MongoDB

ComputerInfo

EXAM

GeneralData

HW13MongoCompass

Homework14

LastExam

Project

MongoConnection

SmartCity

SmartHome

WorkShop28

FILTER { field: 'value' }

OPTIONS

Apply

QUERY RESULTS 1-1 OF 1

_id: ObjectId("62178e6d8fe264036859484b")

ID: 123

PRODUCT NAME: "potatos"

QUANTITY: 20

PRICE: "20"

CONDITION: "Yes"

DATE: "Thu Feb 24 08:55:32 ECT 2022"