

- The screenshot displays an IDE interface with a project named "InventoryHardwareStore" and its source code.

Project Structure (Left Panel):

 - InventoryHardwareStore
 - Source Packages
 - ec.edu.espe.inventoryhardwarestore.controller
 - InventoryController.java
 - ec.edu.espe.inventoryhardwarestore.imagen
 - add.png
 - addbox.png
 - blapng
 - box.png
 - check.png
 - exit.png
 - inventory.png
 - login.png
 - password.png
 - query.png
 - refresh.png
 - return.png
 - sell.png
 - trash.png
 - user.png
 - ec.edu.espe.inventoryhardwarestore.model
 - Admin.java
 - ConstructenMaterial.java
 - ElectricTool.java
 - Inventory.java
 - Product.java
 - SalesRegistry.java**
 - Tool.java
 - ec.edu.espe.inventoryhardwarestore.utls
 - MongoManager.java
 - Validation.java
 - ec.edu.espe.inventoryhardwarestore.view
 - AddProduct.java
 - DeleteProduct.java
 - EnterQuantity.java
 - InventoryHardwareStore.java
 - Login.java
 - MainMenu.java

Source Code (Right Panel):

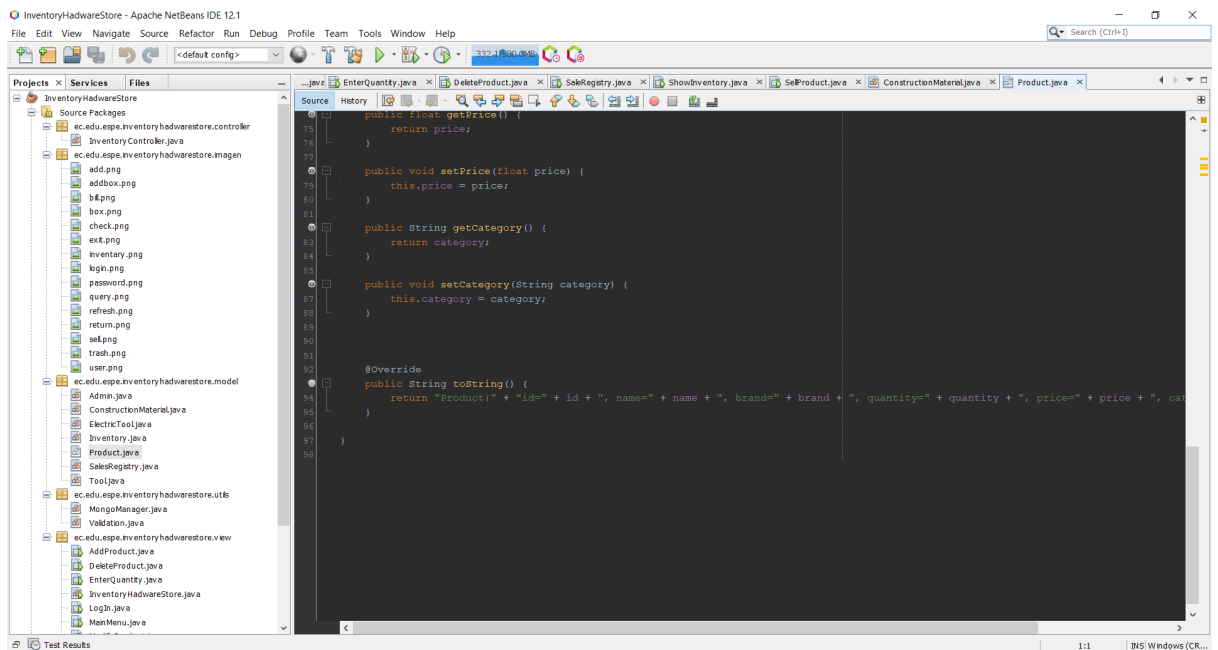
```
import java.util.Arrays;
import java.util.Calendar;

/**
 *
 * @author Fausto Vizcete ESPE-DCCO
 * @author Christopher Yépez ESPE-DCCO
 */
public class SalesRegistry {

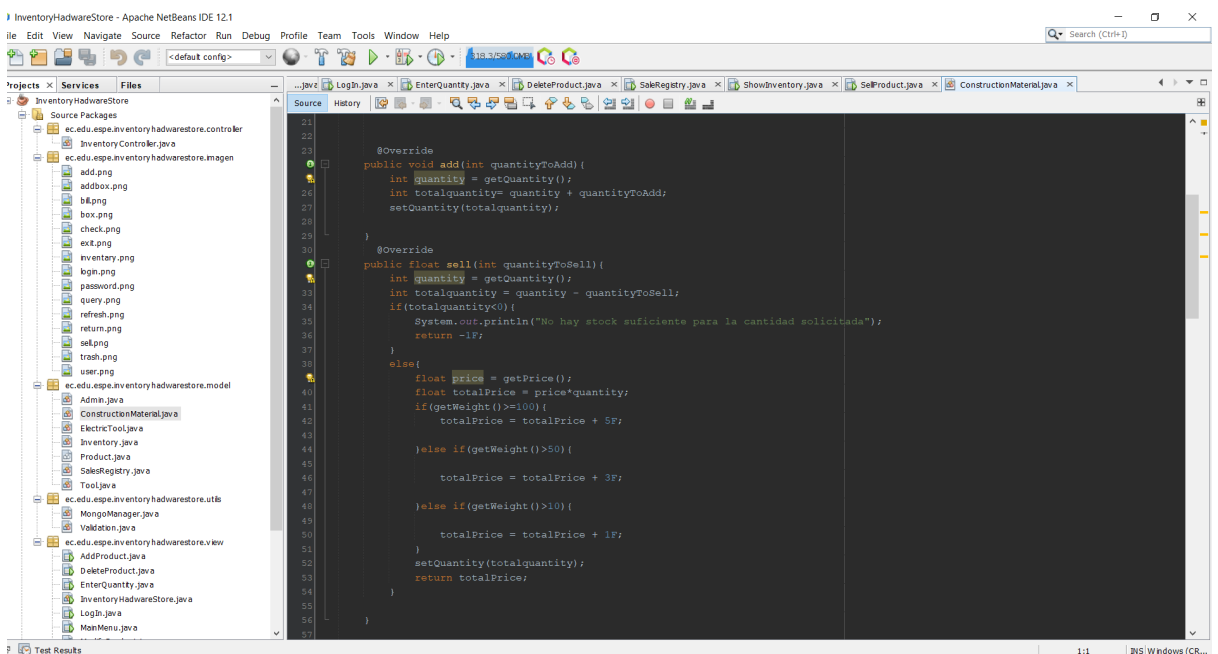
    private String customer;
    private Date date;
    private String id;
    private static int TotalSales;
    private ArrayList<Product> soldedProducts;
    private float profitInDollars;

    @Override
    public String toString() {
        return "SalesRegistry[" + "customer" + ", date=" + date + ", id=" + id + ", soldedProducts=" + soldedProducts + ",
    }

    public void generateId() {
        String customer = getCustomer();
        char[] charCustomer = new char[2];
        customer.getChars(0, 2, charCustomer, 0);
        String customerNewString = Arrays.toString(charCustomer);
        int sales = getTotalSales();
        int totalSales = sales + 1;
        setTotalSales(totalSales);
        Date date = getDate();
    }
}
```

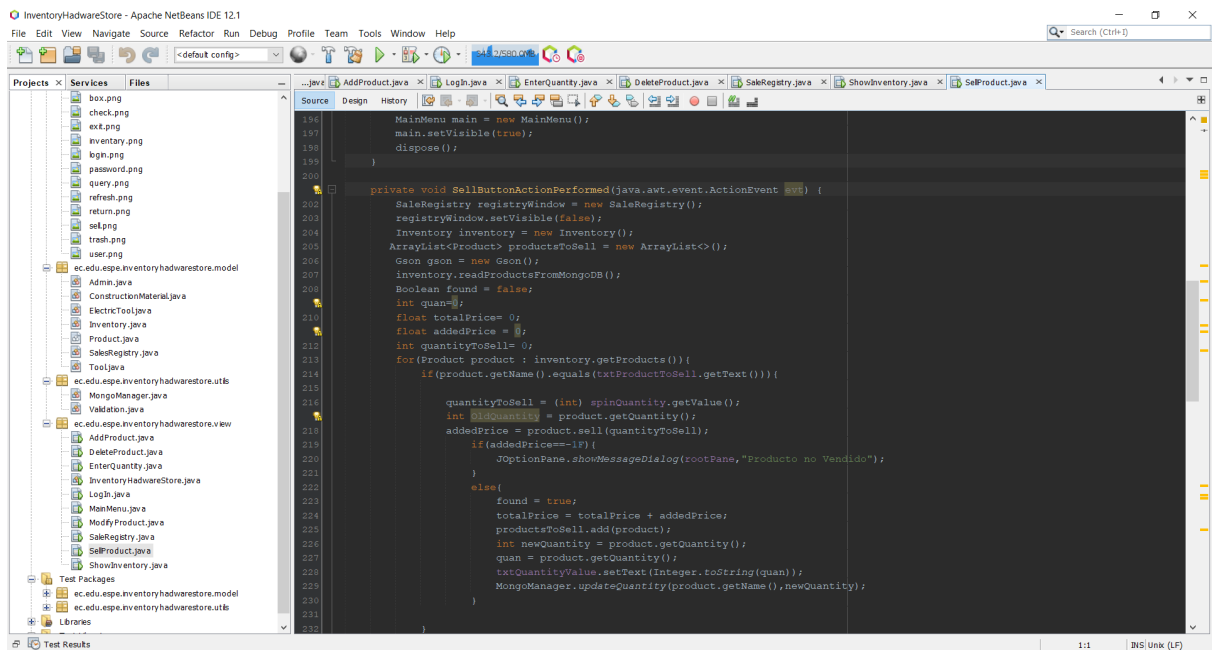


- The class ConstructionMaterial should not sell the products, the class should just create the information itself.

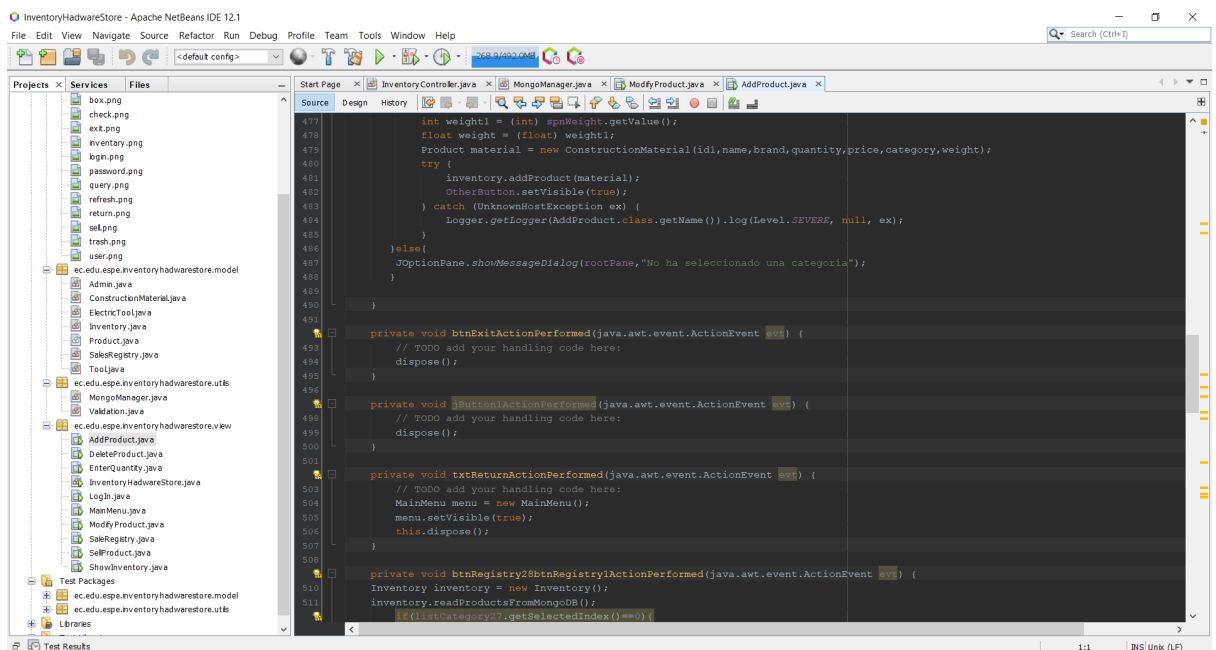


View Package

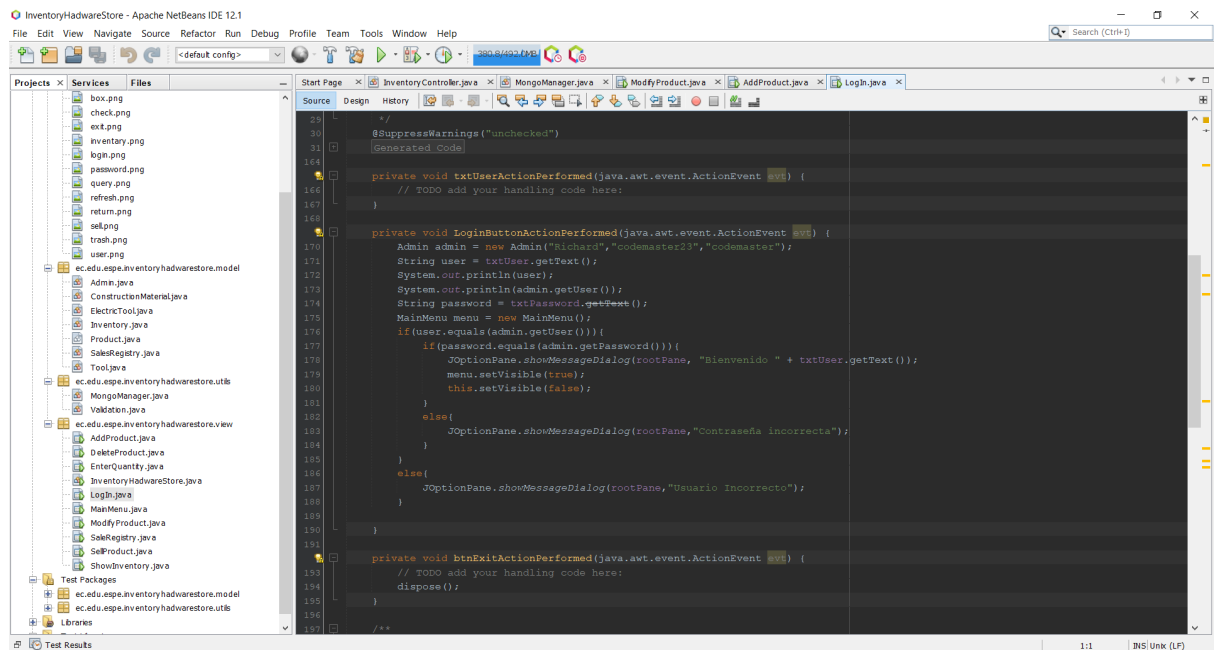
- The Gson object is found in some classes and do not use methods in each of its buttons



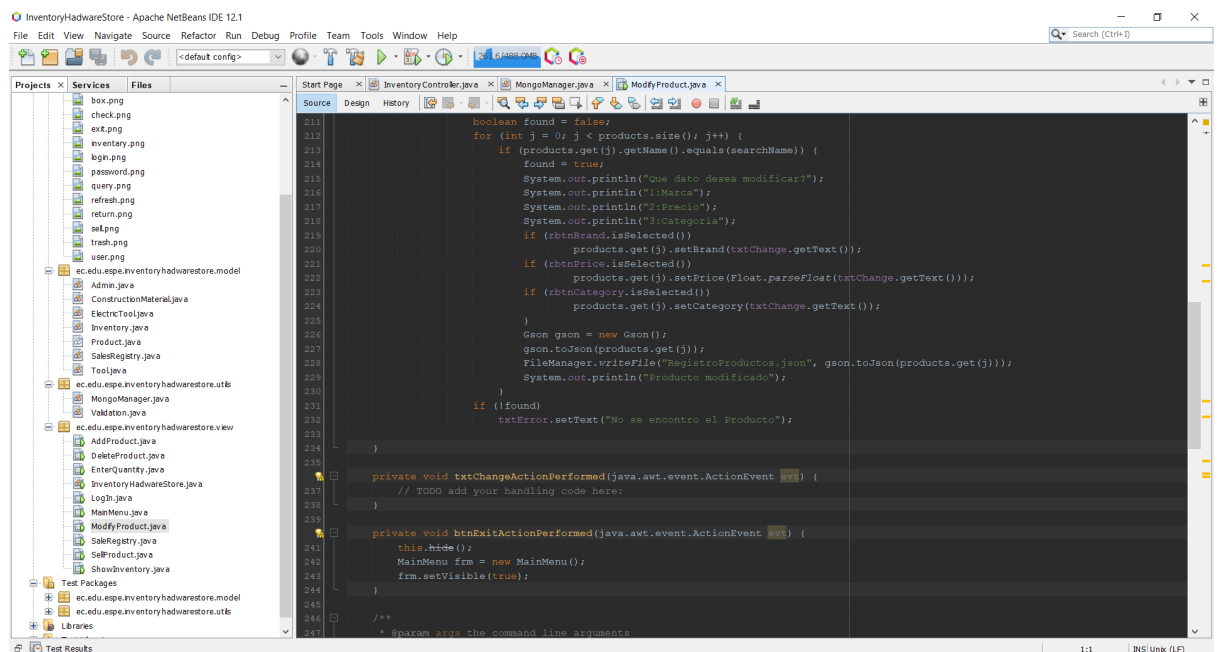
- AddProduct.In this class you have programmed in the buttons do not work with methods, in the design of the FRM you have a double screen that is not functional.



- Logging in this class the validation of the user and the password is being done locally.

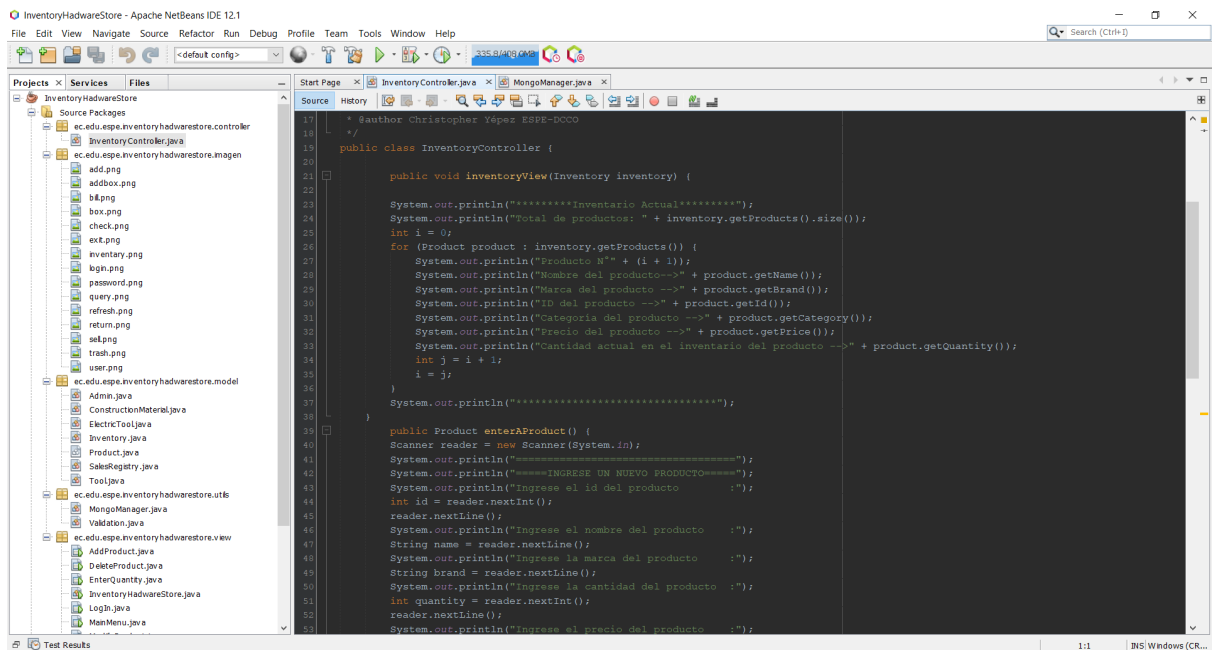


- **ModifyProduct** In this class you have programmed in the buttons do not work with methods



Controller Package

- In this class you have programmed menus, they should be called by methods.



Utils Package

- To create save search, in each method call back to mongo URI, creating excess and repeated code

