

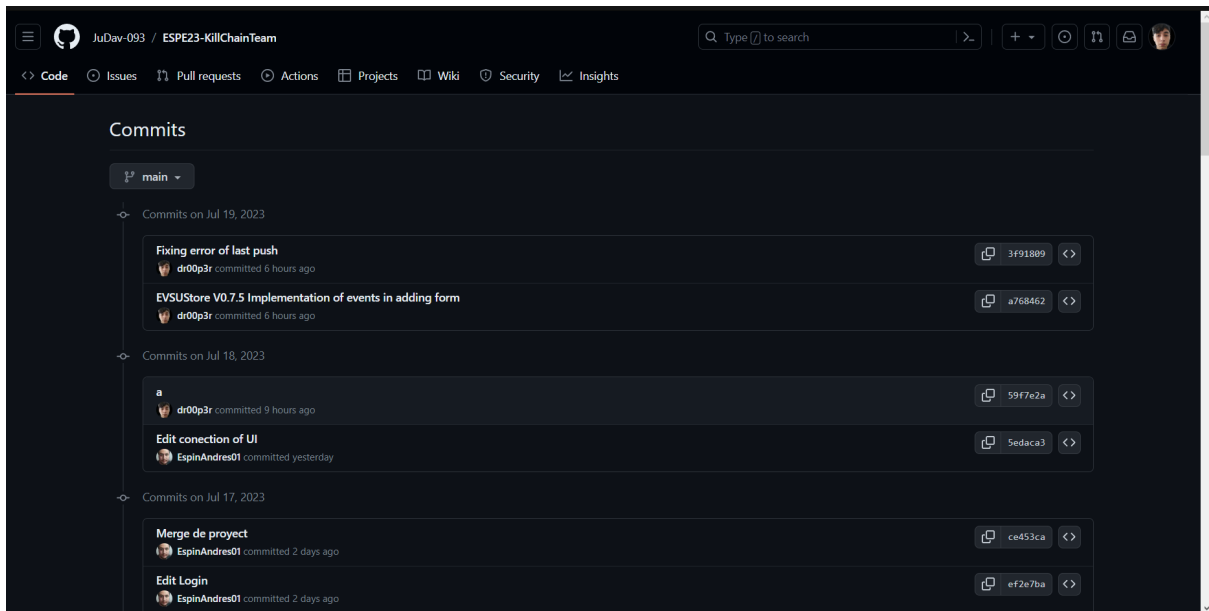
Team 2

5. PAMELA NAOMI CHIPE ZAMBRANO
6. JOAN OSWALDO COBEÑA ZAMBRANO
7. ANABEL DAVILA MOLINA
8. ANDRES ALEXANDER ESPIN ANDRADE

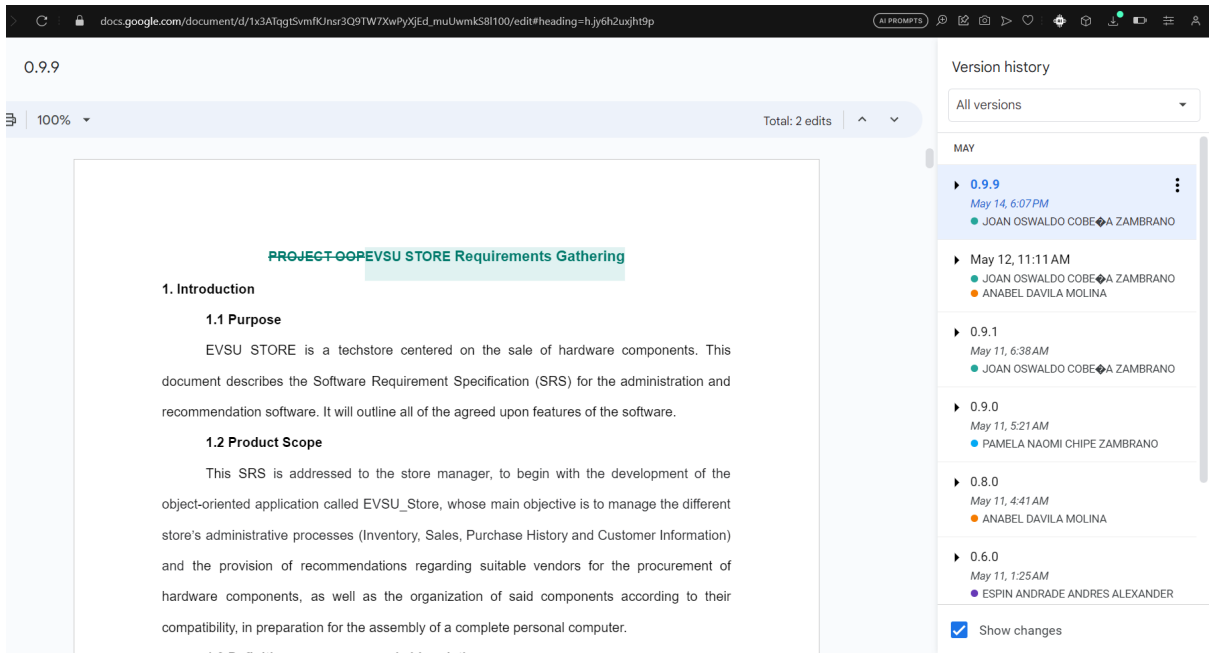
Main Rubric

GitHub	/100
GoogleDoc	/10
MongoDB vs CD	/10
Design (ClassDiagram&UseCae vs SRS)	/10

MVC	/10
Polymorphism	/10
Test Cases/UnitTest	/10
GUI	/20
CRUD/Bussiness Rule	/20
TOTAL:	/200
Evidence:	
GitHub	/10



GoogleDoc /10



MongoDB vs CD /10

EVSUStore

LOGICAL DATA SIZE: 1.18KB STORAGE SIZE: 88KB INDEX SIZE: 88KB TOTAL COLLECTIONS: 6

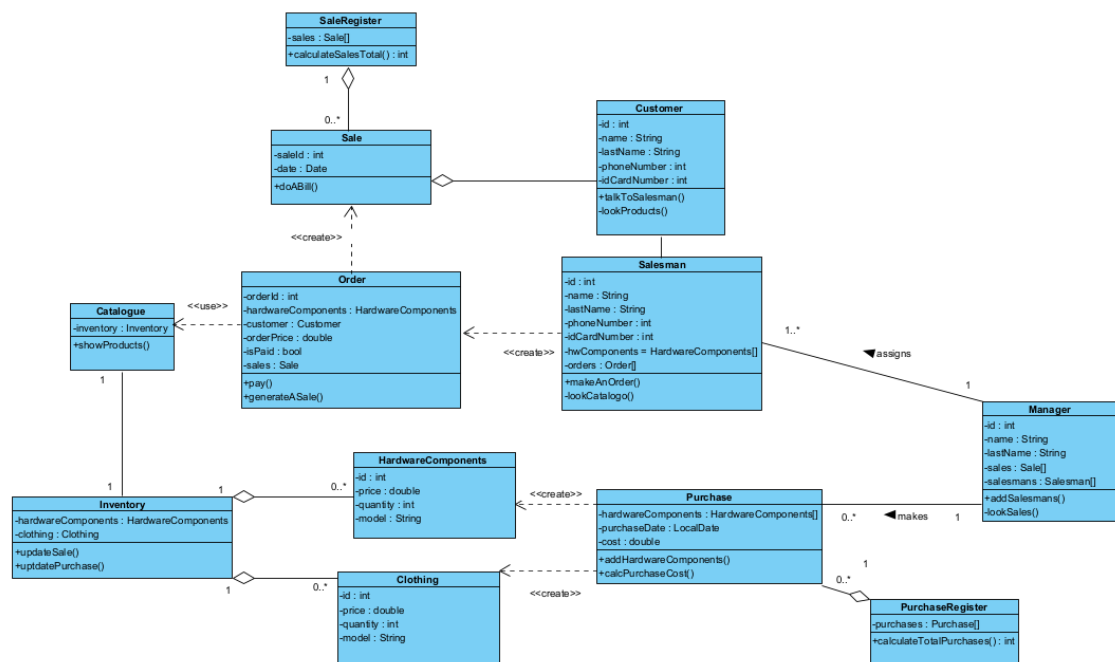
CREATE COLLECTION

Collection Name	Documents	Logical Data Size	Avg Document Size	Storage Size	Indexes	Index Size	Avg Index Size
Clothings	0	0B	0B	4KB	1	4KB	4KB
Customers	0	0B	0B	4KB	1	4KB	4KB
HardwareComponents	1	101B	101B	36KB	1	36KB	36KB
Purchases	0	0B	0B	4KB	1	4KB	4KB
Sales	0	0B	0B	4KB	1	4KB	4KB
Users	7	1.08KB	158B	36KB	1	36KB	36KB

Users should be named Salesman to be consistent with the class diagram

Design (ClassDiagram&UseCae vs SRS)






































/10



The class diagram is obsolete and is not implemented the MVC pattern

MVC

/10

- ▼  ec.edu.espe.evsustore.controller
 -  ClothingController.java
 -  DatabaseController.java
 -  HardwareComponentController.java
 -  TransactionsController.java
 -  ViewController.java
- ▼  ec.edu.espe.evsustore.model
 -  Clothing.java
 -  Customer.java
 -  HardwareComponent.java
 -  Manager.java
 -  Order.java
 -  Purchase.java
 -  Sale.java
 -  Salesman.java
- ▼  ec.edu.espe.evsustore.utils
 -  DatabaseManager.java
 -  JsonManager.java
 -  PasswordUtils.java
 -  Tax.java
- ▼  ec.edu.espe.evsustore.view
 -  Bill.java
 -  EVSUSStore.java
 -  FrmAddImage.java
 -  FrmHardwareComponent.java
 -  FrmLogin.java
 -  FrmPrint.java
 -  FrmRecoverPassword.java
 -  FrmRegister.java
 -  PnelCatalog.java
 -  PnelChangePassword.java
 -  PnelInventory.java
 -  PnelPurchases.java
 -  PnelSales.java
 -  PnelSaveHardwareComponent.java
 -  PnelStart.java
 -  PnelUpdateInventory.java

```
private void btnDeleteActionPerformed(java.awt.event.ActionEvent evt) {
    HardwareComponent selectedComponent = getSelectedComponent();
    ViewController.deleteComponentInDB(component: selectedComponent);
    displayTableComponents();
}
```

```
private KeyListener integerListener (){
    KeyListener integerListener = new KeyListener() {
        @Override
        public void keyTyped(KeyEvent e) {
            validateTypedIntegerNumbers(evt: e);
        }

        @Override
        public void keyPressed(KeyEvent e) {
        }

        @Override
        public void keyReleased(KeyEvent e) {
        }
    };
    return integerListener;
}

private KeyListener alphabeticListener (){
    KeyListener alphabeticKeyListener = new KeyListener() {
        @Override
        public void keyTyped(KeyEvent e) {
            validateTypedCharacters(evt: e);
        }
    }
}
```

The listeners for events are created in all the forms, they are not reusable

```
543 }
544
545 private void calculatePrice () {
546     if(txtCost.getText().isEmpty() || txtGainPercentage.getText().isEmpty()){
547         txtPrice.setText("");
548     }
549     else{
550         Double cost = Double.parseDouble(txtCost.getText());
551         Double gain = Double.parseDouble(txtGainPercentage.getText());
552         Double price = cost*(1+(gain/100));
553         Double roundedPrice = Tax.roundToTwoTenths(amountToRound: price);
554
555         String priceText = String.format (format: "%.2f", args: roundedPrice);
556
557         txtPrice.setText(txtPrice.getText() + priceText);
558     }
559 }
560
561 private void checkFields(){
562     if(txtId.getText().isEmpty() || txtName.getText().isEmpty() || txtModel.getText().isEmpty()
563        || txtQuantity.getText().isEmpty() || txtCost.getText().isEmpty()
564        || txtGainPercentage.getText().isEmpty() || txtPrice.getText().isEmpty())
565     {
566         btnSave.setEnabled(false);
567     }
568 }
```

Calcs in panels :0

There are different polymorphism

```

        btnClear.addActionListener(new ActionListener() {
            @Override
            public void actionPerformed(ActionEvent evt) {

                clearFields(idOfUpdating);

            }
        });

private KeyListener doubleListener () {
    KeyListener doubleKeyListener = new KeyListener() {
        @Override
        public void keyTyped(KeyEvent e) {
            validateTypedDoubleNumbers(evt:e);
        }

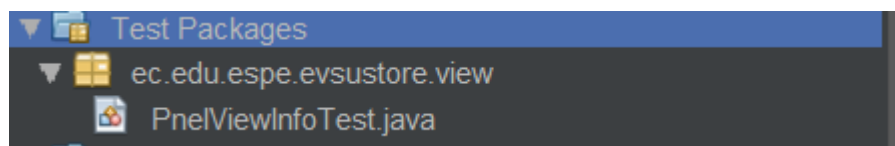
        @Override
        public void keyPressed(KeyEvent e) {

        }

        @Override
        public void keyReleased(KeyEvent e) {

        }
    };
    return doubleKeyListener;
}

```



There are no tests for controller functions

FileEdit

MENÚ PRINCIPAL

Inventario

Catalogo

Ventas

Compras

Registros

Cambiar Contraseña

GUARDAR COMPONENTE DE HARDWARE

ID:1

Nombre:Try


Modelo:xd

Cantidad:12

Costo (Por unidad): \$10.0

% de Ganancia:

PVP (Sin incluir impuestos): \$12.0



Guardar

Limpiar Campos

Volver al Menú Inventario

The gui is not adaptive and responsive

FileEdit

MENÚ PRINCIPAL

Inventario

Catalogo

Ventas

Compras

Registros

Cambiar Contraseña

Actualizar

ID	Cantidad	Nombre	Modelo	Costo	Precio
1	12	Try	xd	10.0	12.0

Actualizar

Borrar

Volver al Menú de Inventario

The tables are not sufficient visible and there are buttons that can confuse the customer

CRUD

/10

FileEdit

MENÚ PRINCIPAL

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Cambiar Contraseña

GUARDAR COMPONENTE DE HARDWARE

ID:1

Nombre:Try


Modelo:xd

Cantidad:12

Costo (Por unidad):\$7

% de Ganancia:12

PVP (Sin incluir impuestos):\$7.07



Guardar

Limpiar Campos

Volver al Menú Inventario

FileEdit

MENÚ PRINCIPAL

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Cambiar Contraseña

GUARDAR COMPONENTE DE HARDWARE

ID:1

Nombre:Try


Modelo:xd

Cantidad:12

Costo (Por unidad):\$

% de Ganancia:12

PVP (Sin incluir impuestos):\$



Guardar

Limpiar Campos

Volver al Menú Inventario

19/07/2023

WORKTHROUGH.

- GETHUB

Users should be named Salesman to be consistent with the Class diagram

- Class Diagrams is S.R.S

The class is obsolete and is not implemented the MVC pattern

- Polymorphism

The listeners for events are created in all the forms, they are not reusable.

- Test cases / Unit test.

There are no tests for controller functions

GUI

- You need the interface to be adaptive

- It has different resolutions

- The color palette is not adequate

CRUD

- Need search system

- intuitive buttons.

Team 3: SoftwareJunior

9. ALEJANDRO CAETANO FLORES MAYA

10. JORDAN ALEXANDER GUAMAN ALCIVAR

11. CARLOS ANDRES JAYA HERRERA

12. BRYAN ALEXANDER JUMBO SALCEDO