UNIVERSIDAD DE LAS FUERZAS ARMADAS

ESPE



Object-oriented programming

NRC: 9642

Team 2

Topic: ReviewSolidPrinciples

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Review Solid Principles Team 2 to project Team 3

```
alWs
                                            package ec.edu.espe.bethsabeboutique.model;
abeBoutiqueMaven
urce Packages
                                      3 = import java.util.ArrayList;
ec.edu.espe.bethsabeboutique.controller

■ DressController.java

                                      5 - /**
InventoryController.java
LoginManager.java
                                             * @author caeta
  ReportController.java
  SalesController.java
                                            public class Customer {
SearchBarController.java
                                                 ArrayList<Dress> dressesBought;
ec.edu.espe.bethsabeboutique.model
                                                 String idCardNumber;
Customer.java
                                                 String name;
                                                 String email;
FormData.iava
                                                 String phoneNumber;
ec.edu.espe.bethsabeboutique.utils
                                                 String adress;
  BillsManager.java
  DbConnectionManager.java
                                     17
                                                 public Customer(String idCardNumber, String name, String email, String phoneNumber, String adress) {

    JsonManager.java
    RegularValidator.java

                                     19
                                                      this.name = name;
ec.edu.espe.bethsabeboutique.view
                                                      this.email = email;
                                     21
                                                      this.phoneNumber = phoneNumber;
  PnlBillGraphics.java
                                                      this.adress = adress;
  PnlBillPrint.iava
```

no get and set y no private

```
meet.google.com está compartiendo tu pantalla.
                       ec.edu.espe.bethsabeboutique.controlle
                                       DressController.java
InventoryController.java
LoginManager.java
                                                                                                                                                                                                            SalesController salesController = new SalesController();
                                                                                                                                                                                                           salesController.addDressToCart(id, name, price);
LblProductAdded.setForeground(new Color(r: 0, g: 153, b: 0, a: 255));
                                          ReportController.java
                      SalesController.java

SearchBarController.java

ec.edu.espe.bethsabeboutique.model
.ca.java
.csp.bethsabeboutiqu
.dillsManagerjava
.dillsManagerjava
.dillsManagerjava
.dillsomManagerjava
.d
                              Customer.java
Dress.java
                                                                                                                                                                             private void TblInventoryMouseClicked(java.awt.event.MouseEvent evt) (
                                                                                                                                                                            enableButton (button: BtnAddProduct);
                                                                                                                                                                             private void txtSearhBarKeyReleased(java.awt.event.KeyEvent evt) {
                                                                                                                                                                                                           SearchBarController searchBarController = new SearchBarController();
String searchText = txtSearhBar.getText();
                                                                                                                                                                                                             TableRowSorter<DefaultTableModel> tableRowSorter = searchBarController.searchOnTable(new TableRowSorter<> (model), searchText);
                                                                                                                                                                            TblInventory.setRowSorter(sorter:tableRowSorter);
}
                                                                                                                                                   273
274
275
276
                                                                                                                                                                                                 * @param args the command line arguments
                                                                                                                                                                                             public static void main(String args[]) {
```

s aplicado

```
nsabeBoutiqueMaven
Source Packages
                                        23
                                                     public DressController() {
                                                                                                                                                                     II meet.google.com está cor
ec.edu.espe.bethsabeboutique.controller
                                                          this.client = DbConnectionManager.getInstance().getClient();

☑ DressController.java

                                        25
                                                          inventoryController = new InventoryController();
     InventoryController.java
                                        26
  LoginManager.java
     ReportController.java
                                                     public String convertFormToDress(FormData formData) {
  int id = calculateId();
                                        28
     SalesController.iava
  SearchBarController.java
                                                          float price = Float.parseFloat(s: formData.getPrice());
String name = formData.getName();
                                        30
31
ec.edu.espe.bethsabeboutique.model
 Customer.java
Dress.java
                                                          String size = formData.getSize();
                                        33
                                                          String registerDate = formData.getActualDate();
  FormData.iava
                                                          int quantity = Integer.parseInt(s: formData.getQuantity());
ec.edu.espe.bethsabeboutique.utils
                                        35
  BillsManager.java
DbConnectionManager.java
                                                          Dress dress = new Dress(id, price, name, size, registerDate, quantity);
 JsonManager.java
RegularValidator.java
                                        38
                                                          String dressData = isonManager.convertToJson(dress);
ec.edu.espe.bethsabeboutique.view
                                        40
                                                          return dressData;
 Main.java
PnlBillGrap
PnlBillPrint
PnlCart.jav
PnlEditPro
     PnlBillGraphics.java
     PnlBillPrint.java
                                        43
                                                     public int calculateId() {
     PnlCart.iava
                                                          MongoCollection collection = client.getDatabase(string: "BethsabeBoutique") .getCollection(string: "Aux");
                                        45
                                                          Document filter = new Document(); // Filtro vacío para obtener todos los documento
     PnlInsertProduct.iava
                                                          FindIterable Document documents = collection.find(bson: filter);
```

Dependency

```
nimalWs
                                                      import com.mongodb.client.MongoClients;
import javax.swing.JOptionPane;
ethsabeBoutiqueMaven
 Source Packages
                                                                                                                                                                                        || meet.google.com está compartiendo t
                                                      public class DbConnectionManager {
ec.edu.espe.bethsabeboutique.controller

DressController.java
                                                           public static DbConnectionManager instance;
                                             9
10 -
11
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13
14
15
                                                            private MongoClient client;
   InventoryController.java

LoginManager.java
                                                           public void connectDb() {
   String uri = "mongodb+srv://FCaetano:FCaetano@cluster0.erktrrv.mongodb.net/?retryWrites=true&w=majority";
      LoginManager.java
   ReportController.java
SalesController.java
                                                                 try (
   client = MongoClients.create(connectionString:uri);
   SearchBarController.java
                                                                ) catch (MongoException e) {

JOptionPane.showMessageDialog(parentComponent: null, message: "Error al conectar con la base de datos!", title: "Error",
ec.edu.espe.bethsabeboutique.model
  Customer.java
Dress.java
FormData.java
                                              16
17
18
                                                          public void closeConnection() {
    getClient().close();
}
ec.edu.espe.bethsabeboutique.utils
                                             19 = 20 = 21 = 22

    BillsManager,java
    DbConnectionManager,java

   JsonManager.java
RegularValidator.java
                                             23 =
                                                           private DbConnectionManager() {
ec.edu.espe.bethsabeboutique.view
  Main.java

PnlBillGraphics.java
                                              25
      PnlBillPrint.java
                                             27
28
                                                           public static synchronized DbConnectionManager getInstance() {
   PnlCart.java
PnlEditProduc
                                                              if (instance == null) {
   instance = new DbConnectionManager();
      PnlEditProduct.java
                                             28
29
30
31
32
33
34
35
36
   PnllnsertProduct.java
Pnllnventory.java
                                                                 return instance;
   PnlLogin.java
PnlMain.java
      PnlMain.java
PnlReportsMenu.java
  PnlReportsme...
PnlSales,java
PnlSalesMenu.java
PnlSplash.java
                                                            * @return the client
                                                            public MongoClient getClient() {
                                                     return client;
 Other Sources
 Dependencies
  Runtime Dependencies
```

Static methods

```
public PnlLogin() {
     initComponents();
 * This method is called from within the constructor to initialize the form
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 @SuppressWarnings("unchecked")
private void jButtonlActionPerformed (java.awt.event.ActionEvent evt) {
     LoginManager loginManager = new LoginManager();
     Boolean checkPassword;
     String user = txtUserInput.getText().toString();
     String password = new String(value: TxtPassword.getPassword());
     checkPassword = loginManager.checkPassword(user, password);
     if(checkPassword == true) {
         PnlMain pnlMain = new PnlMain();
         pnlMain.setVisible(true);
         pnlMain.setLocationRelativeTo(this);
     this.dispose();
} else {
         JOptionPane.showMessageDialog(parentComponent: this, message: "Usuario o contraseña incorrecto", title: "Error", messageType: JOptionPane.ERRO.
```

Singleton