Video: https://youtu.be/OflyTMYa23U

```
Modularity
BankingPlan
Source Packages
                                                      package ec.edu.espe.bank.controller;
     🖨 🛺 ec.edu.espe.bank.controller
         CdtController.java
CheckingController.java
                                                         import javax.swing.JFrame; import org.bson.Document;
          LoginController.java
         ManagementController.java
                                                       6 7 /**
          RegisterController.java
                                                      SavingController.java
    ec.edu.espe.bank.model
Account.java
Cdt.java
                                                            public class CdtController {
                                                      10
                                                      11

    Checking, java

                                                      12
                                                                 private static JFrame cdt;
          ₫ Guide.java
                                                      13
          M Interest.java
                                                      14
                                                                 public static JFrame updateData(String user, String id, Str.
          Management.java
                                                      15
         Movement.java
Profile.java
                                                      17
                                                                      Document data = new org.bson.Document();
                                                                      data.put("User", user);
         RegisterSingleton.java

Saving.java
                                                                      data.put("Id", id);
data.put("Investement", investment);
                                                      18
                                                      19
    ec.edu.espe.bank.view
                                                      20
                                                                      data.put("YearsOfInvestement", yearsOfInvestement);
          FmrCDTAccount.java
                                                      21
                                                                      return cdt;
          FrmAccount.java
                                                      22
          FrmBankingPlan.java
          FrmCheckingAccount.java
                                                      24
         FrmEstimateInterest.java
          FrmGuide.java
          FrmManagement.java
          FrmRegister.java
          FrmSavingAccount.java
    images
    🖃 🗿 utils
       Connection.java

FileManager.java
  Test Packages
  ec.edu.espe.bank.view
    JDK 17 (Default)

    Test Libraries

Clean code
   /**
* @return the investmentMoney
                                                                    * This method is called from within
                                                                     * WARNING: Do NOT modify this code.
  public float getInvestmentMoney() {
        return investmentMoney;
                                                                     * regenerated by the Form Editor.
                                                                    * /
                                                                    @SuppressWarnings("unchecked")
    **
* @param investmentMoney the invest Generated Code
  public void setInvestmentMoney(float public void initButtons() {
         this.investmentMoney = investmen
                                                                       txtInterest.setEditable(b: false);
                                                                          txtAmount.setEditable(b:false);
 pocument data - new org.pson.pocument();
 data.put(key: "User", value: txtNameUser.getText());
 data.put(key: "Password", value: txtPassword.getText());
 Login.insertOne(td:data);
158
  <u>Q.</u>
            private void btnLoginActionPerformed(java.awt.event.ActionEvent evt) {
                        // TODO add your handling code here:
160
161
162
button does not call function
     Movement movement = new Movement();
movement.setDateMovement(setWessett (setWessett) new SimpleDateFormat(pattern "dd/MB//yyyy").format(new Date()));
movement.setTransfet (unsubtransfet.getText());
     balance = Double.parseDouble(s:txtBalance.getText());
double amount = Double.parseDouble(s:txtAmount.getText());
     availableBalance = balance - amount;
txtAvailableBalance.setText(::String.valueOf(d:availableBalance));
    Object mov[] = new Object[5];
mov[0] = txtNameAccountHolder.getText();
mov[1] = txtAccountHolder.getText();
mov[1] = movent.getText();
mov[3] = btnTransfer.getText();
mov[3] = btnTransfer.getText();
mov[4] = txtAcmunt.getText();
modelNovs.addRow(:modets:mov);
```

• Code in the btn

```
Source Packages

Source Seadurespeakank.controller;

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Source Packages

Source Packages

Source Packages

Source Packages

CheckingControlleriawa

Source Packages

CheckingControlleriawa

Source Packages

CheckingControlleriawa

Source Mistory

Source Packages

CheckingControlleriawa

Source Packages

LoginControlleriawa

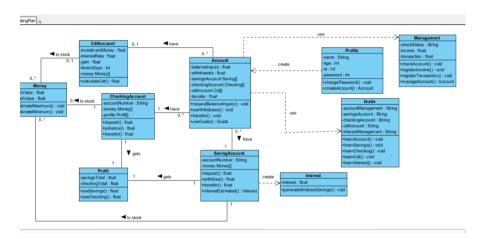
SawingControlleriawa

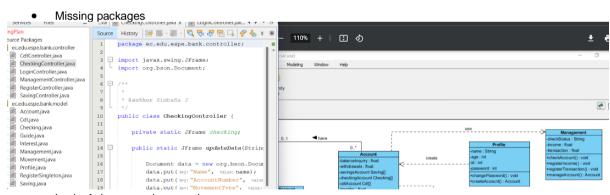
SawingControll
```

One design pattern

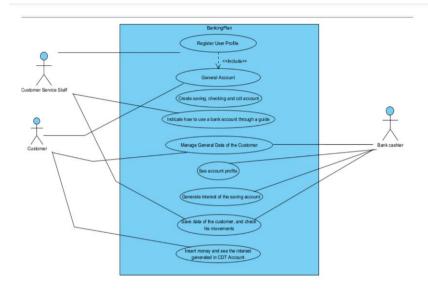
Singleton

Diagrams consistency

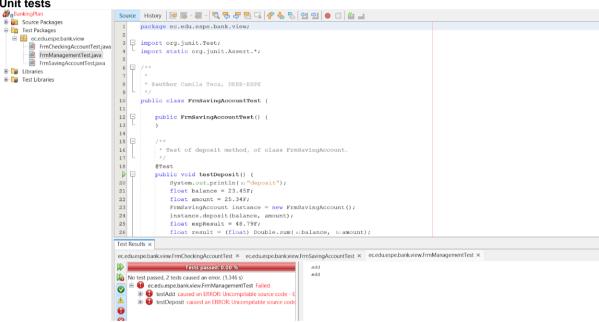




• Lack of classes and connections



Unit tests







GUI fields validation

Functionality

MongoDB

