package banking.ui;

import javax.swing.JOptionPane;

import javax.swing.UIManager;

import banking.operation.AddInterestOperation;

import framework.customer.ICustomer;

import framework.operation.IOperation;

import framework.transaction.ComputeTransaction;

import framework.transaction.ITransaction;

import framework.transaction.TransactionManager;

import framework.ui.AAddAccDialog;

import framework.ui.GUI;

public class BankFrm extends GUI {

javax.swing.JButton AddCompanyAccountButton = new javax.swing.JButton();

javax.swing.JButton AddinterestButton = new javax.swing.JButton();

protected void setTable()

{

String[] columnNames= { "AccountNr", "Name", "City", "P/C", "Ch/S", "Amount" };

setTableColumns(columnNames);

}

public BankFrm()

{

setTitle("Bank Application.");

JPanel1.add(JScrollPane1);

JScrollPane1.setBounds(12,92,444,160);

JScrollPane1.getViewport().add(JTable1);

AddAccountButton.setText("Add personal account");

AddCompanyAccountButton.setText("Add company account");

AddCompanyAccountButton.setActionCommand("jbutton");

JPanel1.add(AddCompanyAccountButton);

AddCompanyAccountButton.setBounds(240,20,192,33);

AddinterestButton.setBounds(448,20,106,33);

AddinterestButton.setText("Add interest");

JPanel1.add(AddinterestButton);

addWindowListener(this);

SymAction lSymAction = new SymAction();

ExitButton.addActionListener(lSymAction);

AddCompanyAccountButton.addActionListener(lSymAction);

DepositButton.addActionListener(lSymAction);

WithdrawButton.addActionListener(lSymAction);

AddinterestButton.addActionListener(lSymAction);

}

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* The entry point for this application.

\* Sets the Look and Feel to the System Look and Feel.

\* Creates a new JFrame1 and makes it visible.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

static public void main(String args[])

{

try {

// Add the following code if you want the Look and Feel

// to be set to the Look and Feel of the native system.

try {

UIManager.setLookAndFeel(UIManager.getSystemLookAndFeelClassName());

}

catch (Exception e) {

}

//Create a new instance of our application's frame, and make it visible.

(new BankFrm()).setVisible(true);

}

catch (Throwable t) {

t.printStackTrace();

//Ensure the application exits with an error condition.

System.exit(1);

}

}

void exitApplication()

{

try {

this.setVisible(false); // hide the Frame

this.dispose(); // free the system resources

System.exit(0); // close the application

} catch (Exception e) {

}

}

class SymAction implements java.awt.event.ActionListener

{

public void actionPerformed(java.awt.event.ActionEvent event)

{

Object object = event.getSource();

if (object == ExitButton)

ExitButton\_actionPerformed(event);

else if (object == AddCompanyAccountButton)

AddAccountButton\_actionPerformed(event, new JDialog\_AddCompAcc());

else if (object == DepositButton || object == WithdrawButton)

computeActionPerformed(event);

else if (object == AddinterestButton)

AddinterestButton\_actionPerformed(event);

}

}

protected AAddAccDialog getDialog(){

return new JDialog\_AddPAcc();

}

void AddinterestButton\_actionPerformed(java.awt.event.ActionEvent event)

{

IOperation addOperation = new AddInterestOperation();

ITransaction transaction = new ComputeTransaction(accountManager, addOperation);

TransactionManager transactionManager = new TransactionManager();

transactionManager.submit(transaction);

JOptionPane.showMessageDialog(AddinterestButton, "Add interest to all accounts","Add interest to all accounts",JOptionPane.WARNING\_MESSAGE);

refreshTable();

}

protected String[] fillRowData(ICustomer customerTemp)

{

String[] rowdata2=new String[6];

rowdata2[0] = customerTemp.getAccount().getAccountNum();

rowdata2[1] = customerTemp.getName();

rowdata2[2] = customerTemp.getCity();

rowdata2[3] = customerTemp.getCustomerType();

rowdata2[4] = customerTemp.getAccount().getAccountType();

rowdata2[5] = Double.toString(customerTemp.getAccount().getBalance());

return rowdata2;

}

}

package banking.ui;

import java.text.ParseException;

import java.text.SimpleDateFormat;

import java.util.Date;

import banking.account.factory.CheckingAccountFactory;

import banking.account.factory.SavingAccountFactory;

import banking.customer.Person;

import framework.account.factory.IAccountFactory;

import framework.customer.ICustomer;

import framework.ui.AAddAccDialog;

public class JDialog\_AddPAcc extends AAddAccDialog {

public JDialog\_AddPAcc()

{

// This code is automatically generated by Visual Cafe when you add

// components to the visual environment. It instantiates and initializes

// the components. To modify the code, only use code syntax that matches

// what Visual Cafe can generate, or Visual Cafe may be unable to back

// parse your Java file into its visual environment.

//{{INIT\_CONTROLS

setTitle("Add personal account");

setModal(true);

getContentPane().setLayout(null);

setSize(283,303);

setVisible(false);

JRadioButton\_Chk.setText("Checkings");

JRadioButton\_Chk.setActionCommand("Checkings");

getContentPane().add(JRadioButton\_Chk);

JRadioButton\_Chk.setBounds(36,0,84,24);

JRadioButton\_Sav.setText("Savings");

JRadioButton\_Sav.setActionCommand("Savings");

getContentPane().add(JRadioButton\_Sav);

JRadioButton\_Sav.setBounds(36,24,84,24);

JLabelName.setText("Name");

getContentPane().add(JLabelName);

JLabelName.setForeground(java.awt.Color.black);

JLabelName.setBounds(12,84,48,24);

JLabelStreet.setText("Street");

getContentPane().add(JLabelStreet);

JLabelStreet.setForeground(java.awt.Color.black);

JLabelStreet.setBounds(12,108,48,24);

JLabelCity.setText("City");

getContentPane().add(JLabelCity);

JLabelCity.setForeground(java.awt.Color.black);

JLabelCity.setBounds(12,132,48,24);

JLabelState.setText("State");

getContentPane().add(JLabelState);

JLabelState.setForeground(java.awt.Color.black);

JLabelState.setBounds(12,156,48,24);

JLabelZip.setText("Zip");

getContentPane().add(JLabelZip);

JLabelZip.setForeground(java.awt.Color.black);

JLabelZip.setBounds(12,180,48,24);

JLabelBday.setText("Birthdate");

getContentPane().add(JLabelBday);

JLabelBday.setForeground(java.awt.Color.black);

JLabelBday.setBounds(12,204,96,24);

JLabelEmail.setText("Email");

getContentPane().add(JLabelEmail);

JLabelEmail.setForeground(java.awt.Color.black);

JLabelEmail.setBounds(12,228,48,24);

getContentPane().add(JTextField\_NAME);

JTextField\_NAME.setBounds(84,84,156,20);

getContentPane().add(JTextField\_CT);

JTextField\_CT.setBounds(84,132,156,20);

getContentPane().add(JTextField\_ST);

JTextField\_ST.setBounds(84,156,156,20);

getContentPane().add(JTextField\_STR);

JTextField\_STR.setBounds(84,108,156,20);

getContentPane().add(JTextField\_ZIP);

JTextField\_ZIP.setBounds(84,180,156,20);

getContentPane().add(JTextField\_BD);

JTextField\_BD.setBounds(84,204,156,20);

getContentPane().add(JTextField\_EM);

JTextField\_EM.setBounds(84,228,156,20);

JButton\_OK.setText("OK");

JButton\_OK.setActionCommand("OK");

getContentPane().add(JButton\_OK);

JButton\_OK.setBounds(48,264,84,24);

JButton\_Cancel.setText("Cancel");

JButton\_Cancel.setActionCommand("Cancel");

getContentPane().add(JButton\_Cancel);

JButton\_Cancel.setBounds(156,264,84,24);

getContentPane().add(JTextField\_ACNR);

JTextField\_ACNR.setBounds(84,60,156,20);

JLabelAcnr.setText("Acc Nr");

getContentPane().add(JLabelAcnr);

JLabelAcnr.setForeground(java.awt.Color.black);

JLabelAcnr.setBounds(12,60,48,24);

//}}

//{{REGISTER\_LISTENERS

SymMouse aSymMouse = new SymMouse();

JRadioButton\_Chk.addMouseListener(aSymMouse);

JRadioButton\_Sav.addMouseListener(aSymMouse);

//}}

}

//{{DECLARE\_CONTROLS

javax.swing.JRadioButton JRadioButton\_Chk = new javax.swing.JRadioButton();

javax.swing.JRadioButton JRadioButton\_Sav = new javax.swing.JRadioButton();

javax.swing.JLabel JLabelBday = new javax.swing.JLabel();

javax.swing.JLabel JLabelEmail = new javax.swing.JLabel();

javax.swing.JTextField JTextField\_BD = new javax.swing.JTextField();

javax.swing.JTextField JTextField\_EM = new javax.swing.JTextField();

//}}

class SymMouse extends java.awt.event.MouseAdapter

{

public void mouseClicked(java.awt.event.MouseEvent event)

{

Object object = event.getSource();

if (object == JRadioButton\_Chk)

JRadioButtonChk\_mouseClicked(event);

else if (object == JRadioButton\_Sav)

JRadioButtonSav\_mouseClicked(event);

}

}

private void JRadioButtonChk\_mouseClicked(java.awt.event.MouseEvent event)

{

//When Checking radio is clicked make this radio on

//and make Saving account radio off

JRadioButton\_Chk.setSelected(true);

JRadioButton\_Sav.setSelected(false);

}

private void JRadioButtonSav\_mouseClicked(java.awt.event.MouseEvent event)

{

//When Saving radio is clicked make this radio on

//and make Checking account radio off

JRadioButton\_Chk.setSelected(false);

JRadioButton\_Sav.setSelected(true);

}

@Override

protected ICustomer createCustomer() {

try {

String clientName = JTextField\_NAME.getText();

String street = JTextField\_STR.getText();

String city = JTextField\_CT.getText();

String zip = JTextField\_ZIP.getText();

String state = JTextField\_ST.getText();

Date birthDate = new SimpleDateFormat("MM/dd/yyyy").parse(JTextField\_BD.getText());

return new Person(

clientName,

street,

city,

state,

zip,

birthDate);

} catch (ParseException e) {

// TODO Auto-generated catch block

e.printStackTrace();

return null;

}

}

@Override

protected IAccountFactory selectFactory() {

if (JRadioButton\_Chk.isSelected())

return new CheckingAccountFactory();

else

return new SavingAccountFactory();

}

}

package banking.ui;

import banking.account.factory.CheckingAccountFactory;

import banking.account.factory.SavingAccountFactory;

import banking.customer.Organization;

import framework.account.factory.IAccountFactory;

import framework.customer.ICustomer;

import framework.ui.AAddAccDialog;

public class JDialog\_AddCompAcc extends AAddAccDialog {

public JDialog\_AddCompAcc() {

super();

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// the components. To modify the code, only use code syntax that matches

// what Visual Cafe can generate, or Visual Cafe may be unable to back

// parse your Java file into its visual environment.

//{{INIT\_CONTROLS

setTitle("Add compamy account");

setModal(true);

getContentPane().setLayout(null);

setSize(298,339);

setVisible(false);

JRadioButton\_Chk.setText("Checkings");

JRadioButton\_Chk.setActionCommand("Checkings");

getContentPane().add(JRadioButton\_Chk);

JRadioButton\_Chk.setBounds(36,12,84,24);

JRadioButton\_Sav.setText("Savings");

JRadioButton\_Sav.setActionCommand("Savings");

getContentPane().add(JRadioButton\_Sav);

JRadioButton\_Sav.setBounds(36,36,84,24);

JLabelName.setText("Name");

getContentPane().add(JLabelName);

JLabelName.setForeground(java.awt.Color.black);

JLabelName.setBounds(12,96,48,24);

JLabelStreet.setText("Street");

getContentPane().add(JLabelStreet);

JLabelStreet.setForeground(java.awt.Color.black);

JLabelStreet.setBounds(12,120,48,24);

JLabelCity.setText("City");

getContentPane().add(JLabelCity);

JLabelCity.setForeground(java.awt.Color.black);

JLabelCity.setBounds(12,144,48,24);

JLabelState.setText("State");

getContentPane().add(JLabelState);

JLabelState.setForeground(java.awt.Color.black);

JLabelState.setBounds(12,168,48,24);

JLabelZip.setText("Zip");

getContentPane().add(JLabelZip);

JLabelZip.setForeground(java.awt.Color.black);

JLabelZip.setBounds(12,192,48,24);

JLabelNEmp.setText("No of employees");

getContentPane().add(JLabelNEmp);

JLabelNEmp.setForeground(java.awt.Color.black);

JLabelNEmp.setBounds(12,216,96,24);

JLabelEmail.setText("Email");

getContentPane().add(JLabelEmail);

JLabelEmail.setForeground(java.awt.Color.black);

JLabelEmail.setBounds(12,240,48,24);

getContentPane().add(JTextField\_NAME);

JTextField\_NAME.setBounds(120,96,156,20);

getContentPane().add(JTextField\_CT);

JTextField\_CT.setBounds(120,144,156,20);

getContentPane().add(JTextField\_ST);

JTextField\_ST.setBounds(120,168,156,20);

getContentPane().add(JTextField\_STR);

JTextField\_STR.setBounds(120,120,156,20);

getContentPane().add(JTextField\_ZIP);

JTextField\_ZIP.setBounds(120,192,156,20);

getContentPane().add(JTextField\_NoOfEmp);

JTextField\_NoOfEmp.setBounds(120,216,156,20);

getContentPane().add(JTextField\_EM);

JTextField\_EM.setBounds(120,240,156,20);

JButton\_OK.setText("OK");

JButton\_OK.setActionCommand("OK");

getContentPane().add(JButton\_OK);

JButton\_OK.setBounds(48,276,84,24);

JButton\_Cancel.setText("Cancel");

JButton\_Cancel.setActionCommand("Cancel");

getContentPane().add(JButton\_Cancel);

JButton\_Cancel.setBounds(156,276,84,24);

getContentPane().add(JTextField\_ACNR);

JTextField\_ACNR.setBounds(120,72,156,20);

JLabelAcnr.setText("Acc Nr");

getContentPane().add(JLabelAcnr);

JLabelAcnr.setForeground(java.awt.Color.black);

JLabelAcnr.setBounds(12,72,48,24);

//}}

}

//{{DECLARE\_CONTROLS

javax.swing.JRadioButton JRadioButton\_Chk = new javax.swing.JRadioButton();

javax.swing.JRadioButton JRadioButton\_Sav = new javax.swing.JRadioButton();

javax.swing.JLabel JLabelNEmp = new javax.swing.JLabel();

javax.swing.JLabel JLabelEmail = new javax.swing.JLabel();

javax.swing.JTextField JTextField\_NoOfEmp = new javax.swing.JTextField();

javax.swing.JTextField JTextField\_EM = new javax.swing.JTextField();

//}}

@Override

protected ICustomer createCustomer() {

String clientName = JTextField\_NAME.getText();

String street = JTextField\_STR.getText();

String city = JTextField\_CT.getText();

String zip = JTextField\_ZIP.getText();

String state = JTextField\_ST.getText();

return new Organization(

clientName,

street,

city,

state,

zip);

}

@Override

protected IAccountFactory selectFactory() {

if (JRadioButton\_Chk.isSelected())

return new CheckingAccountFactory();

else

return new SavingAccountFactory();

}

}