**Bank Management System**

***Deposit.java***

package project;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPanel;

import javax.swing.JPasswordField;

import javax.swing.JTextField;

import javax.swing.border.EmptyBorder;

public class Deposit extends JFrame{

private static final long serialVersionUID = 1L;

private JPanel contentPane;

private JTextField amount;

private JButton btnNewButton;

private String str;

private String email;

private String data;

private JButton btnNewButton1;

public Deposit(String str,String email,String data) {

this.str=str;

this.email=email;

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(450, 190, 1014, 597);

setResizable(true);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5,5));

setContentPane(contentPane);

contentPane.setLayout(null);

Color lightBlue=new Color(0,0,182,100);

contentPane.setBackground(lightBlue);

JLabel lblAmount1 = new JLabel("Deposit");

lblAmount1.setFont(new Font("Tahoma", Font.PLAIN, 35));

lblAmount1.setBounds(420, 70, 250, 26);

contentPane.add(lblAmount1);

JLabel lblAmount = new JLabel("Enter Amount");

lblAmount.setFont(new Font("Tahoma", Font.PLAIN, 30));

lblAmount.setBounds(270, 250, 250, 26);

contentPane.add(lblAmount);

amount = new JTextField();

amount.setFont(new Font("Tahoma", Font.PLAIN, 32));

amount.setBounds(490, 240, 228, 50);

contentPane.add(amount);

amount.setColumns(10);

btnNewButton = new JButton("OK");

btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 25));

btnNewButton.setBounds(300,380,200,60);

btnNewButton.setBackground(Color.GREEN);

contentPane.add(btnNewButton);

btnNewButton1 = new JButton("Cancel");

btnNewButton1.setFont(new Font("Tahoma", Font.PLAIN, 25));

btnNewButton1.setBounds(600,380,200,60);

btnNewButton1.setBackground(Color.RED);

contentPane.add(btnNewButton1);

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

String bal1=amount.getText();

if(bal1.equals("")) {

JOptionPane.showMessageDialog(btnNewButton, "Please Enter Amount");

}

if(bal1.matches("^[a-zA-Z]\*$")){

JOptionPane.showMessageDialog(btnNewButton, "Invalid Amount");

}

Integer i=Integer.parseInt(bal1);

Integer i1=Integer.parseInt(data);

int u=i+i1;

try {

Class.forName("com.mysql.jdbc.Driver");

Connection connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/testing","root","");

String query="UPDATE account SET Balance="+"'"+u+"'"+" Where Email="+"'"+email+"'";

Statement sta = connection.createStatement();

int x=sta.executeUpdate(query);

if(x!=0) {

new Module(str,email).setVisible(true);

String msg="Your Account is credited for Rs."+i;

JOptionPane.showMessageDialog(new Module(str,email).b2, msg);

}

connection.close();

}

catch(Exception exception) {

exception.printStackTrace();

}

}

});

btnNewButton1.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent ae) {

new Module(str,email).setVisible(true);

}

});

}

}

***Module.java***

package project;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPanel;

import javax.swing.JPasswordField;

import javax.swing.JTextField;

import javax.swing.border.EmptyBorder;

public class Module extends JFrame{

private static final long serialVersionUID = 1L;

private JPanel contentPane;

public JButton b1;

public JButton b2;

public JButton b3;

private JButton b4;

public JButton b5;

private String str;

private String email;

public Module(String str,String email){

this.str=str;

this.email=email;

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(450, 190, 1014, 597);

setResizable(true);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5,5));

setContentPane(contentPane);

contentPane.setLayout(null);

Color lightBlue=new Color(0,0,182,100);

contentPane.setBackground(lightBlue);

JLabel label=new JLabel("Welcome "+"'"+str+"'");

label.setFont(new Font("Tahoma",Font.PLAIN,35));

label.setBounds(300,30,700,40);

contentPane.add(label);

b1 =new JButton("Deposit");

b1.setFont(new Font("Tahoma",Font.PLAIN,25));

b1.setBounds(200,130, 200, 74);

b1.setBackground(Color.GREEN);

contentPane.add(b1);

b2 =new JButton("Withdraw");

b2.setFont(new Font("Tahoma",Font.PLAIN,25));

b2.setBounds(650,130, 200, 74);

b2.setBackground(Color.GREEN);

contentPane.add(b2);

b3 =new JButton("Transfer");

b3.setFont(new Font("Tahoma",Font.PLAIN,25));

b3.setBounds(200,300, 200, 74);

b3.setBackground(Color.GREEN);

contentPane.add(b3);

b4 =new JButton("Check\_balance");

b4.setFont(new Font("Tahoma",Font.PLAIN,25));

b4.setBounds(650,300, 200, 74);

b4.setBackground(Color.GREEN);

contentPane.add(b4);

b5 =new JButton("Log out");

b5.setFont(new Font("Tahoma",Font.PLAIN,25));

b5.setBounds(420,450, 200, 74);

b5.setBackground(Color.GREEN);

contentPane.add(b5);

b2.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

try {

Class.forName("com.mysql.jdbc.Driver");

Connection connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/testing","root","");

String query="SELECT Balance FROM account Where Email="+"'"+email+"'";

Statement sta = connection.createStatement();

ResultSet results=sta.executeQuery(query);

while(results.next()) {

String data=results.getString(1);

new Withdraw(str,email,data).setVisible(true);

}

connection.close();

}

catch(Exception exception) {

exception.printStackTrace();

}

}

});

b5.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

new UserLogin().setVisible(true);

}

});

b3.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

try {

Class.forName("com.mysql.jdbc.Driver");

Connection connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/testing","root","");

String query="SELECT Balance FROM account Where Email="+"'"+email+"'";

Statement sta = connection.createStatement();

ResultSet results=sta.executeQuery(query);

while(results.next()) {

String data=results.getString(1);

new Transfer(str,email,data).setVisible(true);

}

connection.close();

}

catch(Exception exception) {

exception.printStackTrace();

}

}

});

b4.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

try {

Class.forName("com.mysql.jdbc.Driver");

Connection connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/testing","root","");

String query="SELECT Balance FROM account Where Email="+"'"+email+"'";

Statement sta = connection.createStatement();

ResultSet results=sta.executeQuery(query);

while(results.next()) {

String data=results.getString(1);

String msg="Hello "+str+"\nyour Balance is Rs."+data;

new Deposit(str,email,data);

JOptionPane.showMessageDialog(b4, msg);

}

connection.close();

}

catch(Exception exception) {

exception.printStackTrace();

}

}

});

b1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

try {

Class.forName("com.mysql.jdbc.Driver");

Connection connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/testing","root","");

String query="SELECT Balance FROM account Where Email="+"'"+email+"'";

Statement sta = connection.createStatement();

ResultSet results=sta.executeQuery(query);

while(results.next()) {

String data=results.getString(1);

new Deposit(str,email,data).setVisible(true);

}

connection.close();

}

catch(Exception exception) {

exception.printStackTrace();

}

}

});

}

}

***Transfer.java***

package project;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPanel;

import javax.swing.JPasswordField;

import javax.swing.JTextField;

import javax.swing.border.EmptyBorder;

public class Transfer extends JFrame{

private static final long serialVersionUID = 1L;

private JPanel contentPane;

private JTextField mob;

private JTextField amount;

private JButton btnNewButton;

private JButton btnNewButton1;

private String str;

private String email;

private String data;

public Transfer(String str,String email,String data) {

this.str=str;

this.email=email;

this.data=data;

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(450, 190, 1014, 597);

setResizable(true);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5,5));

setContentPane(contentPane);

contentPane.setLayout(null);

Color lightBlue=new Color(0,0,182,100);

contentPane.setBackground(lightBlue);

JLabel lblAmount1 = new JLabel("Transfer");

lblAmount1.setFont(new Font("Tahoma", Font.PLAIN, 35));

lblAmount1.setBounds(420, 70, 250, 26);

contentPane.add(lblAmount1);

JLabel lblMobileNumber = new JLabel("Mobile number");

lblMobileNumber.setFont(new Font("Tahoma", Font.PLAIN, 30));

lblMobileNumber.setBounds(250, 150, 250, 26);

contentPane.add(lblMobileNumber);

mob = new JTextField();

mob.setFont(new Font("Tahoma", Font.PLAIN, 32));

mob.setBounds(490, 130, 228, 50);

contentPane.add(mob);

mob.setColumns(10);

JLabel lblAmount = new JLabel("Amount");

lblAmount.setFont(new Font("Tahoma", Font.PLAIN, 30));

lblAmount.setBounds(250, 250, 250, 26);

contentPane.add(lblAmount);

amount = new JTextField();

amount.setFont(new Font("Tahoma", Font.PLAIN, 32));

amount.setBounds(490, 250, 228, 50);

contentPane.add(amount);

amount.setColumns(10);

btnNewButton = new JButton("Send");

btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 25));

btnNewButton.setBounds(300,380,200,60);

btnNewButton.setBackground(Color.GREEN);

contentPane.add(btnNewButton);

btnNewButton1 = new JButton("Cancel");

btnNewButton1.setFont(new Font("Tahoma", Font.PLAIN, 25));

btnNewButton1.setBounds(600,380,200,60);

btnNewButton1.setBackground(Color.RED);

contentPane.add(btnNewButton1);

btnNewButton1.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent ae) {

new Module(str,email).setVisible(true);

}

});

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae){

String mob1=mob.getText();

String amount1=amount.getText();

if(amount1.matches("^[a-zA-Z]\*$")){

JOptionPane.showMessageDialog(btnNewButton, "Invalid Amount");

}

if(mob1.equals("") && amount1.equals("")) {

JOptionPane.showMessageDialog(btnNewButton, "Please Enter Mobile and Amount");

}

if(!mob1.equals("") && amount1.equals("")) {

JOptionPane.showMessageDialog(btnNewButton, "Please Enter Amount");

}

if(mob1.equals("") && !amount1.equals("")) {

JOptionPane.showMessageDialog(btnNewButton, "Please Enter Mobile");

}

int c=0;

Integer i1=Integer.parseInt(amount1);

try {

Class.forName("com.mysql.jdbc.Driver");

Connection connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/testing","root","");

Integer d=Integer.parseInt(data);

int h=d-i1;

if(h>=0) {

String query="SELECT Balance FROM account Where Mobile="+"'"+mob1+"'";

Statement sta = connection.createStatement();

ResultSet results=sta.executeQuery(query);

while(results.next()) {

String data1=results.getString(1);

Integer i=Integer.parseInt(data1);

c++;

int u=i+i1;

String query1="UPDATE account SET Balance="+"'"+u+"'"+" Where Mobile="+"'"+mob1+"'";

Statement sta1 = connection.createStatement();

int x=sta1.executeUpdate(query1);

if(x!=0) {

new Module(str,email).setVisible(true);

String msg="Rs."+i1+" has transferred Successfully";

JOptionPane.showMessageDialog(new Module(str,email).b2, msg);

String query2="UPDATE account SET Balance="+"'"+h+"'"+" Where Email="+"'"+email+"'";

Statement sta2 = connection.createStatement();

sta2.executeUpdate(query2);

}

}

if(c==0) {

JOptionPane.showMessageDialog(btnNewButton,"Mobile Number does not exist");

}

}

if(h<0){

JOptionPane.showMessageDialog(btnNewButton,"Insufficient Balance");

}

connection.close();

}

catch(Exception exception) {

exception.printStackTrace();

}

}

});

}

}

***UserLogin.java***

package project;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.Statement;

import java.sql.ResultSet;

import java.awt.event.\*;

import javax.swing.\*;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPanel;

import javax.swing.JPasswordField;

import javax.swing.JTextField;

import javax.swing.border.EmptyBorder;

public class UserLogin extends JFrame{

private static final long serialVersionUID = 1L;

private JPanel contentPane;

private JTextField email;

private JPasswordField passwordField;

private JButton btnNewButton;

private JButton btnNewButton1;

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

UserLogin frame = new UserLogin();

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

public static String str1;

public static String setEmail() {

return str1;

}

public static String pass;

public static String setPassword() {

return pass;

}

public UserLogin() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(450, 190, 1014, 597);

setResizable(true);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5,5));

setContentPane(contentPane);

contentPane.setLayout(null);

Color lightBlue=new Color(0,0,182,100);

contentPane.setBackground(lightBlue);

JLabel label=new JLabel("Welcome");

label.setFont(new Font("Tahoma",Font.PLAIN,35));

label.setBounds(480,30,180,40);

contentPane.add(label);

JLabel lblEmailAddress = new JLabel("Email Add");

lblEmailAddress.setFont(new Font("Tahoma", Font.PLAIN, 25));

lblEmailAddress.setBounds(250, 100, 180, 40);

contentPane.add(lblEmailAddress);

email = new JTextField();

email.setFont(new Font("Tahoma", Font.PLAIN, 32));

email.setBounds(430,100,280,40);

contentPane.add(email);

email.setColumns(10);

JLabel lblPassword=new JLabel("Password");

lblPassword.setFont(new Font("Tahoma",Font.PLAIN,25));

lblPassword.setBounds(250,160,180,100);

contentPane.add(lblPassword);

passwordField =new JPasswordField();

passwordField.setFont(new Font("Tahoma",Font.PLAIN,32));

passwordField.setBounds(430,190,280,40);

contentPane.add(passwordField);

passwordField.setColumns(10);

btnNewButton =new JButton("Login");

btnNewButton.setFont(new Font("Tahoma",Font.PLAIN,25));

btnNewButton.setBounds(200,447, 200, 74);

btnNewButton.setBackground(Color.GREEN);

contentPane.add(btnNewButton);

btnNewButton1 = new JButton("Sign Up");

btnNewButton1.setFont(new Font("Tahoma", Font.PLAIN, 25));

btnNewButton1.setBounds(700,447,200, 74);

btnNewButton1.setBackground(Color.GREEN);

contentPane.add(btnNewButton1);

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

String emailId=email.getText();

String password=passwordField.getText();

UserLogin.str1=email.getText();

UserLogin.pass=passwordField.getText();

if(emailId.equals("") && password.equals("")) {

JOptionPane.showMessageDialog(btnNewButton, "Please Enter Email & Password");

}

if(emailId.equals("") && !password.equals("")) {

JOptionPane.showMessageDialog(btnNewButton, "Please Enter Email");

}

if(!emailId.equals("") && password.equals("")) {

JOptionPane.showMessageDialog(btnNewButton, "Please Enter Password");

}

try {

Class.forName("com.mysql.jdbc.Driver");

Connection connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/testing","root","");

if(!emailId.equals("") && !password.equals("")) {

String query="SELECT Email,Password,Name from account";

Statement sta = connection.createStatement();

ResultSet results=sta.executeQuery(query);

int a=0;

int f=0;

while(results.next()) {

String data=results.getString(1);

String data1=results.getString(2);

String data2=results.getString(3);

if(emailId.equals(data)) {

a++;

}

if(password.equals(data1)) {

f++;

}

if(emailId.equals(data) && password.equals(data1)) {

new Module(data2,data).setVisible(true);

JOptionPane.showMessageDialog(new Module(data,data).b1, "Logged in sucessfully");

}

}

if(f==0 && a==0) {

JOptionPane.showMessageDialog(btnNewButton, "Please Enter correct credentials");

}

if(f==0 && a!=0) {

JOptionPane.showMessageDialog(btnNewButton, "Please Enter correct password");

}

if(a==0 && f!=0) {

JOptionPane.showMessageDialog(btnNewButton, "Email does not exist");

}

}

connection.close();

}

catch(Exception exception) {

exception.printStackTrace();

}

}

});

btnNewButton1.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

new UserRegistration().setVisible(true);

}

});

}

}

***UserRegistration.java***

package project;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.Statement;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPanel;

import javax.swing.JPasswordField;

import javax.swing.JTextField;

import javax.swing.border.EmptyBorder;

public class UserRegistration extends JFrame {

private static final long serialVersionUID = 1L;

private JPanel contentPane;

private JTextField name;

private JTextField email;

private JTextField mob;

private JTextField AccountNumber;

private JPasswordField passwordField;

private JButton btnNewButton;

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

UserRegistration frame = new UserRegistration();

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

public UserRegistration() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(450, 190, 1014, 597);

setResizable(true);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

contentPane.setLayout(null);

Color lightBlue=new Color(0,0,182,100);

contentPane.setBackground(lightBlue);

JLabel lblNewUserRegister = new JLabel("New User Register");

lblNewUserRegister.setFont(new Font("Times New Roman", Font.PLAIN, 42));

lblNewUserRegister.setBounds(362,50,390,50);

contentPane.add(lblNewUserRegister);

JLabel lblName = new JLabel("Name");

lblName.setFont(new Font("Tahoma", Font.PLAIN, 20));

lblName.setBounds(58, 152, 110, 43);

contentPane.add(lblName);

JLabel lblEmailAddress = new JLabel("Email\r\n address");

lblEmailAddress.setFont(new Font("Tahoma", Font.PLAIN, 20));

lblEmailAddress.setBounds(58, 250, 148, 36);

contentPane.add(lblEmailAddress);

name = new JTextField();

name.setFont(new Font("Tahoma", Font.PLAIN, 32));

name.setBounds(214, 151, 228, 50);

contentPane.add(name);

name.setColumns(10);

email = new JTextField();

email.setFont(new Font("Tahoma", Font.PLAIN, 32));

email.setBounds(214, 250, 228, 50);

contentPane.add(email);

email.setColumns(10);

JLabel Account =new JLabel("Acc\_Num");

Account.setFont(new Font("Tahoma",Font.PLAIN,20));

Account.setBounds(350,350,150,45);

contentPane.add(Account);

AccountNumber =new JTextField();

AccountNumber.setFont(new Font("Tahoma",Font.PLAIN,32));

AccountNumber.setBounds(450,340,228,50);

contentPane.add(AccountNumber);

AccountNumber.setColumns(10);

JLabel lblPassword = new JLabel("Password");

lblPassword.setFont(new Font("Tahoma", Font.PLAIN, 20));

lblPassword.setBounds(542, 152, 110, 43);

contentPane.add(lblPassword);

JLabel lblMobileNumber = new JLabel("Mobile number");

lblMobileNumber.setFont(new Font("Tahoma", Font.PLAIN, 20));

lblMobileNumber.setBounds(542, 250, 139, 26);

contentPane.add(lblMobileNumber);

mob = new JTextField();

mob.setFont(new Font("Tahoma", Font.PLAIN, 32));

mob.setBounds(707, 250, 228, 50);

contentPane.add(mob);

mob.setColumns(10);

passwordField = new JPasswordField();

passwordField.setFont(new Font("Tahoma", Font.PLAIN, 32));

passwordField.setBounds(707, 152, 228, 43);

contentPane.add(passwordField);

btnNewButton = new JButton("Register");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String Name = name.getText();

String emailId = email.getText();

String mobileNumber = mob.getText();

int len = mobileNumber.length();

String password = passwordField.getText();

String Acc\_num= AccountNumber.getText();

int balance=0;

if(Name.equals("") && emailId.equals("") && password.equals("") && Acc\_num.equals("") && mobileNumber.equals(""))

{

JOptionPane.showMessageDialog(btnNewButton, "Please fill all the fields");

}

if (len!=10 && len!=0) {

JOptionPane.showMessageDialog(btnNewButton, "Enter a valid mobile number");

}

if(len==10 && Name.equals("") && emailId.equals("") && password.equals("") && Acc\_num.equals("")) {

JOptionPane.showMessageDialog(btnNewButton, "Please fill all the fields");

}

String msg = "" + Name;

msg += " \n";

try {

Class.forName("com.mysql.jdbc.Driver");

Connection connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/testing","root","");

if(!Name.equals("") && !emailId.equals("") && !mobileNumber.equals("") && !password.equals("") && !Acc\_num.equals("")) {

String query = "INSERT INTO account values('" + Name + "','" + password + "','" +mobileNumber + "','" +

emailId + "','" + Acc\_num + "','" + balance + "')";

Statement sta = connection.createStatement();

int x = sta.executeUpdate(query);

if (x == 0) {

JOptionPane.showMessageDialog(btnNewButton, "This is alredy exist");

} else {

JOptionPane.showMessageDialog(btnNewButton,

"Welcome, " + msg + "Your account is sucessfully created");

new UserLogin().setVisible(true);

}

connection.close();

} }catch (Exception exception) {

exception.printStackTrace();

}

}

});

btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 22));

btnNewButton.setBounds(399, 447, 259, 74);

btnNewButton.setBackground(Color.GREEN);

contentPane.add(btnNewButton);

}

}

***Withdraw.java***

package project;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPanel;

import javax.swing.JPasswordField;

import javax.swing.JTextField;

import javax.swing.border.EmptyBorder;

public class Withdraw extends JFrame{

private static final long serialVersionUID = 1L;

private JPanel contentPane;

private JTextField amount;

private JButton btnNewButton;

private JButton btnNewButton1;

private String str;

private String email;

private String data;

public Withdraw(String str,String email,String data) {

this.str=str;

this.email=email;

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(450, 190, 1014, 597);

setResizable(true);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5,5));

setContentPane(contentPane);

contentPane.setLayout(null);

Color lightBlue=new Color(0,0,182,100);

contentPane.setBackground(lightBlue);

JLabel lblAmount1 = new JLabel("Withdraw");

lblAmount1.setFont(new Font("Tahoma", Font.PLAIN, 35));

lblAmount1.setBounds(420, 70, 250, 26);

contentPane.add(lblAmount1);

JLabel lblAmount = new JLabel("Enter Amount");

lblAmount.setFont(new Font("Tahoma", Font.PLAIN, 30));

lblAmount.setBounds(270, 250, 250, 26);

contentPane.add(lblAmount);

amount = new JTextField();

amount.setFont(new Font("Tahoma", Font.PLAIN, 32));

amount.setBounds(490, 240, 228, 50);

contentPane.add(amount);

amount.setColumns(10);

btnNewButton = new JButton("OK");

btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 25));

btnNewButton.setBounds(300,380,200,60);

btnNewButton.setBackground(Color.GREEN);

contentPane.add(btnNewButton);

btnNewButton1 = new JButton("Cancel");

btnNewButton1.setFont(new Font("Tahoma", Font.PLAIN, 25));

btnNewButton1.setBounds(600,380,200,60);

btnNewButton1.setBackground(Color.RED);

contentPane.add(btnNewButton1);

btnNewButton1.addActionListener(new ActionListener(){

public void actionPerformed(ActionEvent ae) {

new Module(str,email).setVisible(true);

}

});

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

String bal1=amount.getText();

if(bal1.equals("") ) {

JOptionPane.showMessageDialog(btnNewButton, "Please Enter Amount");

}

if(bal1.matches("^[a-zA-Z]\*$")){

JOptionPane.showMessageDialog(btnNewButton, "Invalid Amount");

}

Integer i=Integer.parseInt(bal1);

Integer i1=Integer.parseInt(data);

int u=i1-i;

if(u<0) {

JOptionPane.showMessageDialog(btnNewButton, "Insufficient Amount");

}

try {

Class.forName("com.mysql.jdbc.Driver");

Connection connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/testing","root","");

if(u>=0) {

String query="UPDATE account SET Balance="+"'"+u+"'"+" Where Email="+"'"+email+"'";

Statement sta = connection.createStatement();

int x=sta.executeUpdate(query);

if(x!=0) {

new Module(str,email).setVisible(true);

String msg="Your Account is Debited for Rs."+i;

JOptionPane.showMessageDialog(new Module(str,email).b1, msg);

}

connection.close();

}}

catch(Exception exception) {

exception.printStackTrace();

}

}

});

}

}