Personal Finance Trackor

An

Object-Oriented Programming through Java Course Project Report

in partial fulfilment of the degree

Bachelor of Technology
in
Computer Science & Engineering

By

S. Praneeth 2103A54036

B. Trishul goud 2103A54002

Submitted to

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that the **Object Oriented Programming through Java - Course Project** Report entitled "**PERSONAL FINANCE TRACKOR "** is a record of bonafide work carried out by the student **S.Praneeth, B.Trishul Goud** bearing Roll No(s) **2103A54036, 2103A54002** during the academic year 2023-24 in partial fulfillment of the award of the degree of ***Bachelor of Technology*** in **Computer Science & Engineering** by the SR University, Warangal.

Lab In-charge **Head of the Department**

Table of Contents

ABSTRACT
PERSONAL FINANCE TRACKOR

The Personal Finance Tracker is an interactive and user-friendly application that is changing the way people handle their finances. The application goes over regular money management by allowing user to design unique spending categories that connect with their lifestyle, from the joys of hobbies and a time to daily necessities like food. Its user-friendly interface creates a virtual space that is similar to finance paper, allowing users to distribute money among different categories. Basically, it transform the task of managing finances into a fun and personalized experience, where money is used as a medium for personal expression rather than just figures and spending plans.

Adding money and classifying spending—be it for pleasure and hobbies or for recurring needs like groceries—is a simple process for users. Like a fun activity book, this tracker divides spending into parts that are interactive and colorful, each of which shows something different of your life

This Personal Finance Tracker, which features interactive features, customizable spending categories, and a userfriendly platform for adding and distributing funds,provides an original approach to money management. It's more than simply a financial tool it's a personalized,interactive financial partner that adds organization and fun to money management.

CHAPTER 1

OBJECTIVE OF THE PROJECT

The main objectives of our projct are:

1.Financial knowledge: By offering a clear summary of income, expenses, savings, and investments, the main goal is to increase users' knowledge of their financial condition.

2. Expense Tracking: To help individuals monitor and record their daily expenses accurately.

3. Income Management: It help users keep track of and manage various sources of income, such as investments, side jobs, and salary.

4. Budget Creation: To enable users to set and maintain budgets for various spending categories.

5. Category Customization: To allow users to customize the tracker to suit their own spending habits by providing freedom in how expenses are categorized.

6. Privacy and Security: To ensure the protection of users' financial information and maintain data privacy.

7. User-Friendly Interface: To make money management accessible to a wide audience by offering an entertaining and simple-to-use interface.

In overall, our project is user-friendly and helps you understand and manage your money by tracking, spending, customizing categories, Income management and ensuring security,

CHAPTER 2

DEFINITIONS OF THE ELEMENTS USED IN THE PROJECT

The elements used in our project are:

User Interface (UI):

Definition: The graphical layout and controls through which users interact with the software. In a personal finance tracker, the UI allows users to input financial data, view summaries, set budgets, and generate reports.

Database:

Definition: A structured collection of data organized for easy retrieval, management, and updating. In a finance tracker, the database stores information such as income, expenses, categories, and user details.

Java:

Definition: A high-level programming language often used for the development of various software applications, including personal finance trackers. Java provides the backbone for the logic and functionality of the application.

Eclipse IDE (Integrated Development Environment):

Definition: Eclipse is a popular, open-source integrated development environment that provides tools and features for software development. It offers a code editor, debugger, and other utilities for programming in various languages, with a focus on Java development.

Usage in the Project:Eclipse is the chosen development environment for this project. It provides a workspace for writing, testing, and debugging Java code, offering a streamlined development process.

Swing:

Definition: A set of GUI (Graphical User Interface) components used in Java to create window-based applications. It's another framework used to develop the user interface in Java applications.

JDBC (Java Database Connectivity):

Definition: An API (Application Programming Interface) in Java that allows Java applications to access and manipulate databases, enabling the Java application to interact with the database where financial data is stored.

Budgeting Tools:

Definition: Functionalities within the personal finance tracker that help users set spending limits, track expenses against predefined budgets, and manage their finances within specified limits.

Reports and Analysis:

Definition: Tools within the application that provide insights into spending patterns, financial trends, and summaries. This feature generates graphical representations or reports based on the data stored in the database.

Security Measures:

Definition: Methods employed within the application to ensure the safety and privacy of users' financial data. This includes encryption techniques and secure login systems.

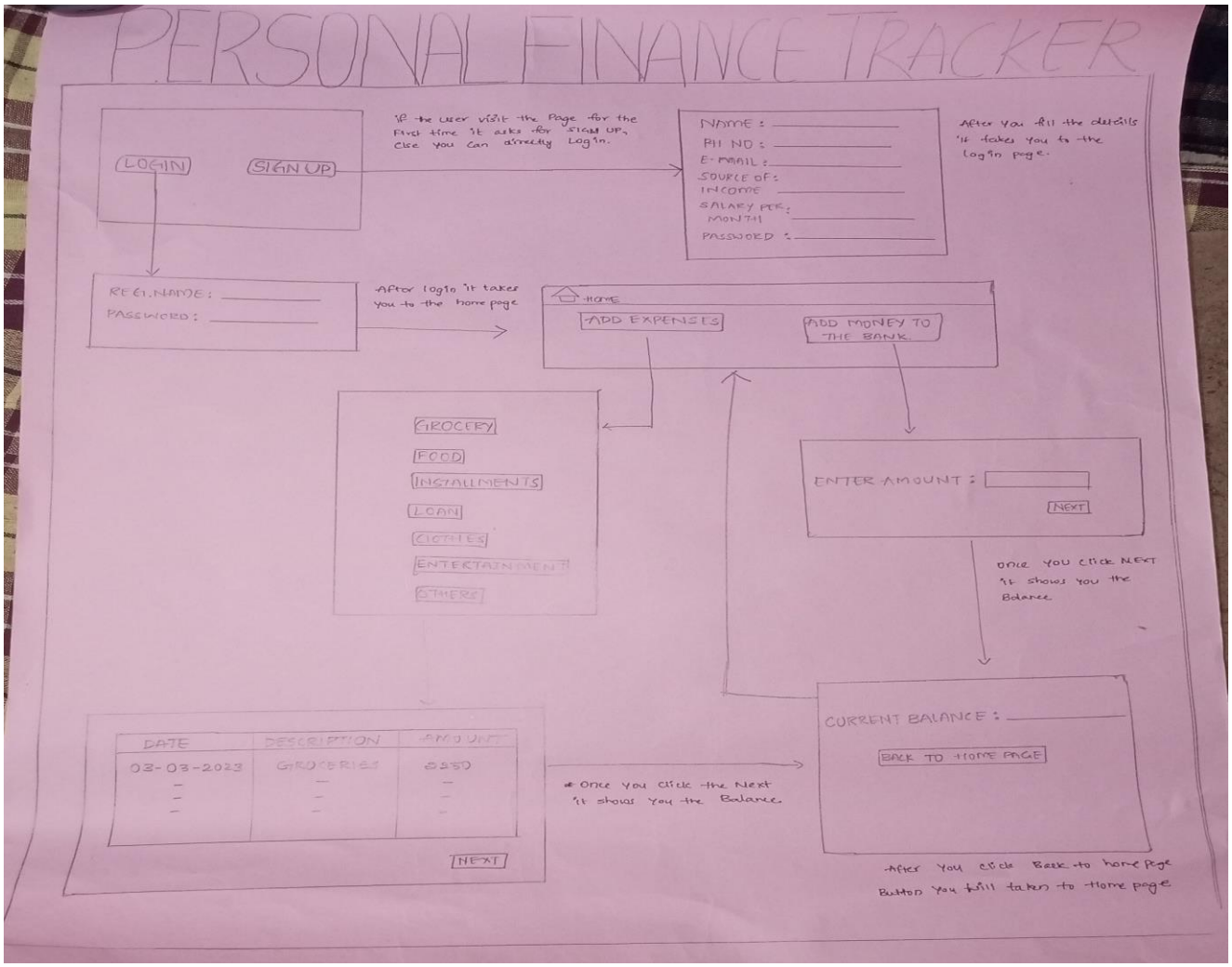
These elements are essential to the construction and operation of a personal finance tracker, constituting the fundamental features that enable users to manage their finances effectively.

CHAPTER 3

DESIGN

The main feature of a personal finance tracker is usually an easy-to-use interface that displays our entire financial picture, including our income, expenses, and savings. Rent, groceries, and entertainment are just a few examples of the categories that users can customize to fit their own spending habits. Financial information is protected by security measures including secure login and data encryption. Bill payment tracking is aided via notifications, and numerous trackers provide mobile applications for easy on-the-go financial management. In general, the design prioritizes accessibility, security, and a visually pleasing interface while emphasizing simplicity and insight provision to enable personal financial control.

Sample paper work:



3.1 SCREENS

Our project contains 10 screens. They are:

Screen1:- LOGIN or **REGISTER** page asks the user to login or register.
If you click on Register button then you will be directed to register page.

Screen2:- REGISTER page asks the user to fill all the details required for registration. Then after you will be directed to login page.These details will be stored in the database.
If you click on Login button then you will be directed to login page.

Screen 3:- In **LOGIN** page you need to enter e-mail and password to login.

Screen 4:- In **HOME PAGE** you need to select to select a select a option from the given options.
Options: Add expenses, Add money, Statement and Check balance.
If you select on Add expenses then you will be directed to Items page.

Screen 5:- In **ITEMS** page there will be severeal options in which you want to spend your money.

Screen 6:- After you select an item then you will be directed to **ENTER AMOUNT** page.

Screen 7:- After you entered the amount you will be direceted to **CURRENT BALANCE** page.
If you click on Add money button in home page then you will be moved to enter amount page.

Screen 8:- After entering the money in **ADD SAL** page then Current balance page is displayed.
If you Click on Statement button in home page then Statement page will be displayed.

Screen 9:- In **STATEMENT** page all the data will be present about the items you bought.
If you select check balance option in home page then you will be directed to current balance page.

Screen 10:- In **CURRENT BALANCE** page your final balance will be displayed.

CHAPTER 4

IMPLEMENTATION

Implementing a personal finance tracker in Java involves several key steps. First, plan the project, defining its features and architecture. Develop the project first, indicating its elements and architectural style. Install the JDK and the IDE to set up the development environment. Using a technology such as MySQL, create the database structure for storing financial data. After that, create Java classes to represent different parts of the program, like budgets, transactions, and user information, and link it to the database. Create a user interface that lets users examine summaries and enter data using JavaFX or Swing. Put in place features like creating reports, classifying spending, and adding income. After a comprehensive testing process and bug fixes, launch the completed program. Its smooth operation and resolution of customer comments and enhancements depend on ongoing maintenance and updates.

4.1 CODE

SCREEN 1: LOGIN OR REGISTER PAGE

```
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JLabel;
import java.awt.Font;
import javax.swing.SwingConstants;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class LoginPage {

    private JFrame frame;

    /**
     * Launch the application.
     */
    public static void main(String[] args) {
```

```
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					LoginPage window = new LoginPage();
					window.frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
		});
	}

	/**
	 * Create the application.
	 */
	public LoginPage() {
		initialize();
		frame.setVisible(true);
	}

	/**
	 * Initialize the contents of the frame.
	 */
	private void initialize() {
		frame = new JFrame();
		frame.setBounds(100, 100, 450, 300);
		frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
		frame.getContentPane().setLayout(null);

		JLabel lblNewLabel = new JLabel("Welcome");
		lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);
		lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 24));
		lblNewLabel.setBounds(80, 54, 275, 20);
		frame.getContentPane().add(lblNewLabel);
```

```
		JButton btnNewButton = new JButton("Register");
		btnNewButton.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				LoginPage2 lp=new LoginPage2();
				frame.setVisible(false);
			}
		});
		btnNewButton.setFont(new Font("Times New Roman", Font.BOLD, 20));
		btnNewButton.setBounds(48, 134, 123, 23);
		frame.getContentPane().add(btnNewButton);

		JButton btnNewButton_1 = new JButton("Login");
		btnNewButton_1.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				LoginPage3 lp=new LoginPage3();
				frame.setVisible(false);
			}
		});
		btnNewButton_1.setFont(new Font("Times New Roman", Font.BOLD, 20));
		btnNewButton_1.setBounds(269, 134, 117, 23);
		frame.getContentPane().add(btnNewButton_1);
		frame.setVisible(true);
	}
}
```

SCREEN 2:- REGISTER PAGE

```
import java.awt.EventQueue;
import java.sql.Statement;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import javax.swing.SwingConstants;

import javax.swing.JTextField;
```

```
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.awt.event.ActionEvent;
import javax.swing.JPasswordField;

public class LoginPage2 {

	String name,email,pwd,phno,source,sal;
	private JFrame frame;
	private JTextField nameField;
	private JTextField mobileField;
	private JTextField mailField;
	private JTextField sourceField;
	private JTextField salField;
	private JPasswordField passwordField;

	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					LoginPage2 window = new LoginPage2();
					//window.frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
		});
	}

	/**
```

```
 * Create the application.
 */
public LoginPage2() {
	initialize();
	frame.setVisible(true);
}

/**
 * Initialize the contents of the frame.
 */
private void initialize() {
	frame = new JFrame();
	frame.setBounds(100, 100, 450, 300);
	frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
	frame.getContentPane().setLayout(null);

	JLabel lblNewLabel = new JLabel("Name");
	lblNewLabel.setFont(new Font("Times New Roman", Font.PLAIN, 15));
	lblNewLabel.setBounds(49, 64, 56, 14);
	frame.getContentPane().add(lblNewLabel);

	JLabel lblNewLabel_1 = new JLabel("Ph.NO.");
	lblNewLabel_1.setFont(new Font("Times New Roman", Font.PLAIN, 15));
	lblNewLabel_1.setBounds(49, 89, 56, 14);
	frame.getContentPane().add(lblNewLabel_1);

	JLabel lblNewLabel_2 = new JLabel("E-Mail");
	lblNewLabel_2.setFont(new Font("Times New Roman", Font.PLAIN, 15));
	lblNewLabel_2.setBounds(49, 114, 46, 14);
	frame.getContentPane().add(lblNewLabel_2);

	JLabel lblNewLabel_3 = new JLabel("Source of income");
	lblNewLabel_3.setFont(new Font("Times New Roman", Font.PLAIN, 15));
	lblNewLabel_3.setBounds(49, 140, 113, 14);
	frame.getContentPane().add(lblNewLabel_3);
```

```
JLabel lblNewLabel_4 = new JLabel("Amount to add");
lblNewLabel_4.setFont(new Font("Times New Roman", Font.PLAIN, 15));
lblNewLabel_4.setBounds(49, 165, 108, 14);
frame.getContentPane().add(lblNewLabel_4);

JLabel lblNewLabel_5 = new JLabel("Password");
lblNewLabel_5.setFont(new Font("Times New Roman", Font.PLAIN, 15));
lblNewLabel_5.setBounds(49, 190, 79, 14);
frame.getContentPane().add(lblNewLabel_5);

JLabel lblNewLabel_7 = new JLabel(":");
lblNewLabel_7.setFont(new Font("Times New Roman", Font.BOLD, 15));
lblNewLabel_7.setBounds(178, 64, 56, 14);
frame.getContentPane().add(lblNewLabel_7);

JLabel lblNewLabel_8 = new JLabel(":");
lblNewLabel_8.setFont(new Font("Times New Roman", Font.BOLD, 15));
lblNewLabel_8.setBounds(178, 89, 46, 14);
frame.getContentPane().add(lblNewLabel_8);

JLabel lblNewLabel_9 = new JLabel(":");
lblNewLabel_9.setFont(new Font("Times New Roman", Font.BOLD, 15));
lblNewLabel_9.setBounds(178, 114, 46, 14);
frame.getContentPane().add(lblNewLabel_9);

JLabel lblNewLabel_10 = new JLabel(":");
lblNewLabel_10.setFont(new Font("Times New Roman", Font.BOLD, 15));
lblNewLabel_10.setBounds(178, 140, 46, 14);
frame.getContentPane().add(lblNewLabel_10);

JLabel lblNewLabel_11 = new JLabel(":");
lblNewLabel_11.setFont(new Font("Times New Roman", Font.BOLD, 15));
lblNewLabel_11.setBounds(178, 165, 46, 14);
frame.getContentPane().add(lblNewLabel_11);
```

```
JLabel lblNewLabel_12 = new JLabel(":");
lblNewLabel_12.setFont(new Font("Times New Roman", Font.BOLD, 15));
lblNewLabel_12.setBounds(178, 178, 46, 39);
frame.getContentPane().add(lblNewLabel_12);

JLabel lblNewLabel_14 = new JLabel("Register ");
lblNewLabel_14.setFont(new Font("Times New Roman", Font.BOLD, 20));
lblNewLabel_14.setHorizontalAlignment(SwingConstants.CENTER);
lblNewLabel_14.setBounds(155, 9, 91, 32);
frame.getContentPane().add(lblNewLabel_14);

nameField = new JTextField();
nameField.setBounds(204, 62, 208, 20);
frame.getContentPane().add(nameField);
nameField.setColumns(10);

mobileField = new JTextField();
mobileField.setBounds(204, 87, 208, 20);
frame.getContentPane().add(mobileField);
mobileField.setColumns(10);

mailField = new JTextField();
mailField.setBounds(204, 112, 208, 20);
frame.getContentPane().add(mailField);
mailField.setColumns(10);

sourceField = new JTextField();
sourceField.setBounds(204, 138, 208, 20);
frame.getContentPane().add(sourceField);
sourceField.setColumns(10);

salField = new JTextField();
salField.setBounds(204, 163, 208, 20);
frame.getContentPane().add(salField);
```

```
salField.setColumns(10);

JButton btnSignUp = new JButton("Next");
btnSignUp.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		try {
			Class.forName("com.mysql.cj.jdbc.Driver");
			Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/logindetails", "root", "");
			//Statement stmt = (Statement) con.createStatement();
			Statement stmt = con.createStatement();
			name = nameField.getText();
			email = mailField.getText();
			phno = mobileField.getText();
			sal = salField.getText();
			source = sourceField.getText();
			pwd = String.valueOf(passwordField.getPassword());
			String sql = "insert into customerlogin values ('"+name+"','"+phno+"', '"+email+"', '"+source+"', '"+pwd+"','"+sal+"')";
			stmt.executeUpdate(sql);
			stmt.close();
			con.close();
			JOptionPane.showMessageDialog(frame, "Registration Completed Successfully");
			LoginPage3 lp = new LoginPage3();
			frame.dispose();
		}
		catch(Exception ex) {
			ex.printStackTrace();
		}
	}
});
btnSignUp.setFont(new Font("Times New Roman", Font.BOLD, 13));
btnSignUp.setBounds(335, 227, 89, 23);
frame.getContentPane().add(btnSignUp);
```

```
		JButton btnNewButton_1 = new JButton("Back");
		btnNewButton_1.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				LoginPage lp=new LoginPage();
				frame.setVisible(false);
			}
		});
		btnNewButton_1.setFont(new Font("Times New Roman", Font.BOLD, 13));
		btnNewButton_1.setBounds(39, 227, 89, 23);
		frame.getContentPane().add(btnNewButton_1);

		passwordField = new JPasswordField();
		passwordField.setBounds(204, 188, 208, 20);
		frame.getContentPane().add(passwordField);
		frame.setVisible(true);
	}
}
```

SCREEN 3: LOGIN PAGE

```
import java.awt.Component;
import java.awt.EventQueue;
import java.sql.*;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import java.sql.Statement;
import java.awt.Font;
import javax.swing.SwingConstants;

import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
```

```
import java.sql.ResultSet;
import java.awt.event.ActionEvent;
import javax.swing.JPasswordField;

public class LoginPage3 {

	String email,pwd;
	int ok=0;
	private JFrame frame;
	private JTextField textField;
	String user,pass;
	private JPasswordField passwordField;
	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					LoginPage3 window = new LoginPage3();
					window.frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
		});
	}

	/**
	 * Create the application.
	 */
	public LoginPage3() {
		initialize();
		frame.setVisible(true);
	}
```

```
/**
 * Initialize the contents of the frame.
 */
private void initialize() {
	frame = new JFrame();
	frame.setBounds(100, 100, 450, 300);
	frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
	frame.getContentPane().setLayout(null);

	JLabel lblNewLabel = new JLabel("Login");
	lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);
	lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 20));
	lblNewLabel.setBounds(79, 29, 260, 24);
	frame.getContentPane().add(lblNewLabel);

	JLabel lblNewLabel_1 = new JLabel("E-Mail");
	lblNewLabel_1.setFont(new Font("Times New Roman", Font.PLAIN, 15));
	lblNewLabel_1.setBounds(35, 110, 46, 14);
	frame.getContentPane().add(lblNewLabel_1);

	JLabel lblNewLabel_2 = new JLabel("Password");
	lblNewLabel_2.setFont(new Font("Times New Roman", Font.PLAIN, 15));
	lblNewLabel_2.setBounds(35, 148, 58, 14);
	frame.getContentPane().add(lblNewLabel_2);

	JLabel lblNewLabel_3 = new JLabel(":");
	lblNewLabel_3.setFont(new Font("Times New Roman", Font.BOLD, 15));
	lblNewLabel_3.setBounds(107, 110, 46, 14);
	frame.getContentPane().add(lblNewLabel_3);

	JLabel lblNewLabel_4 = new JLabel(":");
	lblNewLabel_4.setFont(new Font("Times New Roman", Font.BOLD, 15));
	lblNewLabel_4.setBounds(109, 148, 10, 14);
	frame.getContentPane().add(lblNewLabel_4);
```

```
textField = new JTextField();
textField.setFont(new Font("Times New Roman", Font.PLAIN, 12));
textField.setBounds(129, 108, 275, 20);
frame.getContentPane().add(textField);
textField.setColumns(10);

JButton btnNewButton = new JButton("Next");
btnNewButton.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		email = textField.getText();
		pwd = String.valueOf(passwordField.getPassword());
		if(email.equals("")) {
			JOptionPane.showMessageDialog(frame, "Warning: 'email' is Mandatory");
		}
		else if(pwd.equals("")) {
			JOptionPane.showMessageDialog(frame, "Warning: 'Password' is Mandatory");
		}
		else {
			try {
				Class.forName("com.mysql.cj.jdbc.Driver");
				Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/logindetails", "root", "");
				Statement stmt = con.createStatement();
				String qry = "select * from customerlogin";
				ResultSet rs = stmt.executeQuery(qry);
				while(rs.next()) {
					if(email.equalsIgnoreCase(rs.getString(3)) && pwd.equals((rs.getString(5)))) {
						ok=1;
						break;
					}
				}
```

```
                                        if(ok==1) {
                                                stmt.close();
                                                con.close();
                                                JOptionPane.showMessageDialog(frame,   "Login
Successfully");
                                                HomePage mlp = new HomePage(email);
                                                frame.dispose();
                                        }
                                        else {
                                                JOptionPane.showMessageDialog(frame,   "Login
Unsuccessful");
                                                textField.setText(null);
                                                passwordField.setText(null);
                                        }
                                }
                                catch(Exception ex) {
                                        ex.printStackTrace();
                                }
                        }
                }
        });


        btnNewButton.setFont(new Font("Times New Roman", Font.BOLD, 13));
        btnNewButton.setBounds(315, 213, 89, 23);
        frame.getContentPane().add(btnNewButton);

        JButton btnNewButton_1 = new JButton("Back");
        btnNewButton_1.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {
                        LoginPage lp=new LoginPage();
                        frame.setVisible(false);
                }
        });
        btnNewButton_1.setFont(new Font("Times New Roman", Font.BOLD, 13));
```

```
		btnNewButton_1.setBounds(30, 213, 89, 23);
		frame.getContentPane().add(btnNewButton_1);

		passwordField = new JPasswordField();
		passwordField.setBounds(129, 146, 275, 20);
		frame.getContentPane().add(passwordField);
		frame.setVisible(true);
	}
}
```

SCREEN 4: HOME PAGE

```
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JLabel;
import java.awt.Font;
import javax.swing.SwingConstants;
import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class HomePage {

	private JFrame frame;

	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					HomePage window = new HomePage("praneethsriram087@gmail.com");
```

```
                        window.frame.setVisible(true);
                    } catch (Exception e) {
                        e.printStackTrace();
                    }
                }
            });
}

/**
 * Create the application.
 */
public HomePage(String email) {
        initialize(email);
        frame.setVisible(true);
}

/**
 * Initialize the contents of the frame.
 */
private void initialize(String email) {
        frame = new JFrame();
        frame.setBounds(100, 100, 450, 300);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.getContentPane().setLayout(null);

        JLabel lblNewLabel = new JLabel("Welcome to home page");
        lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);
        lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 20));
        lblNewLabel.setBounds(50, 30, 333, 24);
        frame.getContentPane().add(lblNewLabel);

        JButton btnNewButton = new JButton("Add Expenses");
        btnNewButton.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                Items lp=new Items(email);
```

```
                frame.setVisible(false);
        }
});
btnNewButton.setFont(new Font("Times New Roman", Font.PLAIN, 15));
btnNewButton.setBounds(110, 89, 199, 24);
frame.getContentPane().add(btnNewButton);

JButton btnNewButton_1 = new JButton("Add money to the bank");
btnNewButton_1.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                AddSal lp=new AddSal(email);
                frame.setVisible(false);
        }
});
btnNewButton_1.setFont(new Font("Times New Roman", Font.PLAIN, 15));
btnNewButton_1.setBounds(110, 130, 199, 27);
frame.getContentPane().add(btnNewButton_1);

JButton btnNewButton_2 = new JButton("Logout");
btnNewButton_2.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                LoginPage3 lp=new LoginPage3();
                frame.setVisible(false);
        }
});
btnNewButton_2.setFont(new Font("Times New Roman", Font.PLAIN, 12));
btnNewButton_2.setBounds(335, 11, 89, 23);
frame.getContentPane().add(btnNewButton_2);

JButton btnNewButton_3 = new JButton("Check balance");
btnNewButton_3.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                CurrentBalance lp=new CurrentBalance(email);
                frame.setVisible(false);
        }
```

```
            });
            btnNewButton_3.setFont(new Font("Times New Roman", Font.PLAIN, 15));
            btnNewButton_3.setBounds(110, 172, 199, 27);
            frame.getContentPane().add(btnNewButton_3);

            JButton btnNewButton_4 = new JButton("Statement");
            btnNewButton_4.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {
                    Statement lp=new Statement(email);
                    frame.setVisible(false);
                }
            });
            btnNewButton_4.setFont(new Font("Times New Roman", Font.PLAIN, 15));
            btnNewButton_4.setBounds(110, 210, 199, 23);
            frame.getContentPane().add(btnNewButton_4);
            frame.setVisible(true);
        }
}
```

SCREEN 5: ITEMS PAGE

```
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JButton;
import javax.swing.JLabel;
import java.awt.Font;
import javax.swing.SwingConstants;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class Items {
    String name;
    private JFrame frame;

    /**
```

```
 * Launch the application.
 */
public static void main(String[] args) {
	EventQueue.invokeLater(new Runnable() {
		public void run() {
			try {
				Items window = new Items("praneethsriram087@gmail.com");
				window.frame.setVisible(true);
			} catch (Exception e) {
				e.printStackTrace();
			}
		}
	});
}

/**
 * Create the application.
 */
public Items(String email) {
	initialize(email);
	frame.setVisible(true);
}

/**
 * Initialize the contents of the frame.
 */
private void initialize(String email) {
	frame = new JFrame();
	frame.setBounds(100, 100, 450, 300);
	frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
	frame.getContentPane().setLayout(null);

	JButton btnNewButton = new JButton("Grocery");
	btnNewButton.addActionListener(new ActionListener() {
		public void actionPerformed(ActionEvent e) {
```

```
                name="Grocery";
                EnterAmount lp=new EnterAmount(name,email);
                frame.setVisible(false);
        }
});
btnNewButton.setFont(new Font("Times New Roman", Font.PLAIN, 13));
btnNewButton.setBounds(68, 70, 122, 23);
frame.getContentPane().add(btnNewButton);

JLabel lblNewLabel = new JLabel("Select an option");
lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);
lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 15));
lblNewLabel.setBounds(114, 30, 199, 23);
frame.getContentPane().add(lblNewLabel);

JButton btnNewButton_1 = new JButton("Food");
btnNewButton_1.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                name="Food";
                EnterAmount lp=new EnterAmount(name,email);
                frame.setVisible(false);
        }
});
btnNewButton_1.setFont(new Font("Times New Roman", Font.PLAIN, 13));
btnNewButton_1.setBounds(68, 104, 122, 23);
frame.getContentPane().add(btnNewButton_1);

JButton btnNewButton_2 = new JButton("Installments");
btnNewButton_2.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                name="Installments";
                EnterAmount lp=new EnterAmount(name,email);
                frame.setVisible(false);
        }
});
```

```
btnNewButton_2.setFont(new Font("Times New Roman", Font.PLAIN, 13));
btnNewButton_2.setBounds(68, 138, 122, 23);
frame.getContentPane().add(btnNewButton_2);

JButton btnNewButton_3 = new JButton("Loan");
btnNewButton_3.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		name="Loan";
		EnterAmount lp=new EnterAmount(name,email);
		frame.setVisible(false);
	}
});
btnNewButton_3.setFont(new Font("Times New Roman", Font.PLAIN, 13));
btnNewButton_3.setBounds(68, 172, 122, 23);
frame.getContentPane().add(btnNewButton_3);

JButton btnNewButton_4 = new JButton("Cloths");
btnNewButton_4.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		name="Cloths";
		EnterAmount lp=new EnterAmount(name,email);
		frame.setVisible(false);
	}
});
btnNewButton_4.setFont(new Font("Times New Roman", Font.PLAIN, 13));
btnNewButton_4.setBounds(254, 70, 112, 23);
frame.getContentPane().add(btnNewButton_4);

JButton btnNewButton_5 = new JButton("Entertainment");
btnNewButton_5.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		name="Entertainment";
		EnterAmount lp=new EnterAmount(name,email);
		frame.setVisible(false);
	}
```

```
});
btnNewButton_5.setFont(new Font("Times New Roman", Font.PLAIN, 13));
btnNewButton_5.setBounds(254, 104, 112, 23);
frame.getContentPane().add(btnNewButton_5);

JButton btnNewButton_6 = new JButton("Shopping");
btnNewButton_6.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		name="Shopping";
		EnterAmount lp=new EnterAmount(name,email);
		frame.setVisible(false);
	}
});
btnNewButton_6.setFont(new Font("Times New Roman", Font.PLAIN, 13));
btnNewButton_6.setBounds(254, 138, 112, 23);
frame.getContentPane().add(btnNewButton_6);

JButton btnNewButton_7 = new JButton("Others");
btnNewButton_7.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		name="Others";
		EnterAmount lp=new EnterAmount(name,email);
		frame.setVisible(false);
	}
});
btnNewButton_7.setFont(new Font("Times New Roman", Font.PLAIN, 13));
btnNewButton_7.setBounds(254, 172, 112, 23);
frame.getContentPane().add(btnNewButton_7);

JButton btnNewButton_8 = new JButton("Back");
btnNewButton_8.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		HomePage lp=new HomePage(email);
		frame.setVisible(false);
	}
```

```
            });
            btnNewButton_8.setFont(new Font("Times New Roman", Font.BOLD, 15));
            btnNewButton_8.setBounds(177, 215, 89, 23);
            frame.getContentPane().add(btnNewButton_8);
            frame.setVisible(true);
        }

}
```

SCREEN 6: ENTER AMOUNT PAGE

```
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;
import java.awt.event.ActionEvent;
import javax.swing.JTextField;

public class EnterAmount {
        String amount;
        int balance;
        private JFrame frame;
        private JTextField textField;

        /**
         * Launch the application.
         */
```

```
	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					EnterAmount window = new EnterAmount("Grocery","praneeth@gmail.com");
					window.frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
		});
	}

	/**
	 * Create the application.
	 */
	public EnterAmount(String name,String email) {
		initialize(name,email);
		frame.setVisible(true);
	}

	/**
	 * Initialize the contents of the frame.
	 */
	private void initialize(String name,String email) {
		frame = new JFrame();
		frame.setBounds(100, 100, 450, 300);
		frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
		frame.getContentPane().setLayout(null);

		JLabel lblNewLabel = new JLabel("Enter amount");
		lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 20));
		lblNewLabel.setBounds(39, 115, 115, 18);
		frame.getContentPane().add(lblNewLabel);
```

```
JLabel lblNewLabel_1 = new JLabel(":");
lblNewLabel_1.setFont(new Font("Times New Roman", Font.BOLD, 20));
lblNewLabel_1.setBounds(176, 117, 7, 14);
frame.getContentPane().add(lblNewLabel_1);

textField = new JTextField();
textField.setBounds(202, 116, 209, 20);
frame.getContentPane().add(textField);
textField.setColumns(10);

JButton btnNewButton = new JButton("Next");
btnNewButton.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		amount=textField.getText();
		try {
			Class.forName("com.mysql.cj.jdbc.Driver");
			Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/logindetails", "root", "");
			Statement stmt = con.createStatement();
			String sql = "insert into statement values ('"+email+"','"+name+"','"+amount+"')";
			stmt.executeUpdate(sql);
			stmt.close();
			con.close();
		}
		catch(Exception ec) {
			ec.printStackTrace();
		}
		try {
			Class.forName("com.mysql.cj.jdbc.Driver");
			Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/logindetails", "root", "");
			Statement stmt = con.createStatement();
```

```
                                String sql = "select balance from customerlogin where email='"+email+"' ";
                                ResultSet rs = stmt.executeQuery(sql);
                                rs.next();
                                int amount=Integer.parseInt(textField.getText());
                                balance=Integer.parseInt(rs.getString(1));
                                if((balance-amount)>=0) {
                                        int bal=(balance-amount);
                                        sql="UPDATE customerlogin SET balance='"+bal+"' where email='"+email+"';";
                                        stmt.executeUpdate(sql);
                                        Table lp=new Table(name,Integer.toString(amount),email);
                                        frame.setVisible(false);
                                        //PreparedStatement pstmt = con.prepareStatement("UPDATE customerlogin SET balance=? WHERE email=?");
                                        //pstmt.setString(1,Integer.toString(bal));
                                        //pstmt.setString(2, email);
                                }
                                else {
                                        JOptionPane.showMessageDialog(frame, "Insufficient balance");
                                }
                        }
                        catch(Exception ex) {
                                ex.printStackTrace();
                        }

                }
        });
        btnNewButton.setFont(new Font("Times New Roman", Font.BOLD, 20));
        btnNewButton.setBounds(285, 204, 89, 23);
        frame.getContentPane().add(btnNewButton);

        JButton btnNewButton_1 = new JButton("Back");
```

```
		btnNewButton_1.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				Items lp=new Items(email);
				frame.setVisible(false);
			}
		});
		btnNewButton_1.setFont(new Font("Times New Roman", Font.BOLD, 20));
		btnNewButton_1.setBounds(63, 206, 89, 23);
		frame.getContentPane().add(btnNewButton_1);
		frame.setVisible(true);
	}

}
```

SCREEN 7: TABLE PAGE

```
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JTable;
import java.awt.BorderLayout;
import javax.swing.JLabel;
import java.awt.Font;
import javax.swing.SwingConstants;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class Table {

	private JFrame frame;

	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
```

```
                public void run() {
                        try {
                                Table window = new
Table("Grocery","500","praneethsriram087@gmail.com");
                                window.frame.setVisible(true);
                        } catch (Exception e) {
                                e.printStackTrace();
                        }
                }
        });
    }

    /**
     * Create the application.
     */
    public Table(String name,String amount,String email) {
        initialize(name,amount,email);
        frame.setVisible(true);
    }

    /**
     * Initialize the contents of the frame.
     */
    private void initialize(String name,String amount,String email) {
        frame = new JFrame();
        frame.setBounds(100, 100, 450, 300);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.getContentPane().setLayout(null);

        JLabel lblNewLabel = new JLabel("Items");
        lblNewLabel.setHorizontalAlignment(SwingConstants.LEFT);
        lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 18));
        lblNewLabel.setBounds(97, 90, 68, 14);
        frame.getContentPane().add(lblNewLabel);
```

```
JLabel lblNewLabel_1 = new JLabel(name);
lblNewLabel_1.setHorizontalAlignment(SwingConstants.LEFT);
lblNewLabel_1.setFont(new Font("Times New Roman", Font.PLAIN, 15));
lblNewLabel_1.setBounds(97, 127, 81, 14);
frame.getContentPane().add(lblNewLabel_1);

JLabel lblNewLabel_9 = new JLabel(":");
lblNewLabel_9.setFont(new Font("Times New Roman", Font.BOLD, 15));
lblNewLabel_9.setBounds(203, 127, 46, 14);
frame.getContentPane().add(lblNewLabel_9);

JLabel lblNewLabel_11 = new JLabel(amount);
lblNewLabel_11.setBounds(254, 128, 46, 14);
frame.getContentPane().add(lblNewLabel_11);

JButton btnNewButton = new JButton("Next");
btnNewButton.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		CurrentBalance lp=new CurrentBalance(email);
		frame.setVisible(false);
	}
});
btnNewButton.setFont(new Font("Times New Roman", Font.BOLD, 15));
btnNewButton.setBounds(335, 236, 89, 23);
frame.getContentPane().add(btnNewButton);

JButton btnNewButton_1 = new JButton("Back");
btnNewButton_1.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		Items lp=new Items(email);
		frame.setVisible(false);
	}
});
btnNewButton_1.setFont(new Font("Times New Roman", Font.BOLD, 15));
btnNewButton_1.setBounds(30, 237, 89, 23);
```

```
                frame.getContentPane().add(btnNewButton_1);

                JLabel lblNewLabel_25 = new JLabel("Amount");
                lblNewLabel_25.setFont(new Font("Times New Roman", Font.BOLD, 18));
                lblNewLabel_25.setBounds(254, 91, 81, 14);
                frame.getContentPane().add(lblNewLabel_25);
                frame.setVisible(true);
        }
}
```

SCREEN 8: CURRENT BALANCE PAGE

```
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JLabel;
import java.awt.Font;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import java.awt.event.ActionEvent;

public class CurrentBalance {

        String balance;
        private JFrame frame;

        /**
         * Launch the application.
         */
        public static void main(String[] args) {
                EventQueue.invokeLater(new Runnable() {
                        public void run() {
                                try {
```

```
                                        CurrentBalance window = new
CurrentBalance("praneethsriram087gmail.com");
                                        window.frame.setVisible(true);
                                } catch (Exception e) {
                                        e.printStackTrace();
                                }
                        }
                });
        }

        /**
         * Create the application.
         */
        public CurrentBalance(String email) {
                initialize(email);
                frame.setVisible(true);
        }

        /**
         * Initialize the contents of the frame.
         */
        private void initialize(String email) {
                frame = new JFrame();
                frame.setBounds(100, 100, 450, 300);
                frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
                frame.getContentPane().setLayout(null);


                try {
                        Class.forName("com.mysql.cj.jdbc.Driver");
                        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/logindetails", "root", "");
                        Statement stmt = con.createStatement();
                        String qry = "select * from customerlogin";
                        ResultSet rs = stmt.executeQuery(qry);
```

```
                while(rs.next()) {
                        if(rs.getString(3).equalsIgnoreCase(email)) {
                                balance=rs.getString(6);
                                break;
                        }
                }
            }
            catch(Exception ex) {
                ex.printStackTrace();
            }
            String text="Current Balance: "+(balance);
            JLabel currentBalance = new JLabel(text);
            currentBalance.setFont(new Font("Times New Roman", Font.BOLD, 20));
            currentBalance.setBounds(45, 125, 282, 14);
            frame.getContentPane().add(currentBalance);

            JButton btnNewButton = new JButton("Back to home page");
            btnNewButton.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {
                        HomePage lp=new HomePage(email);
                        frame.setVisible(false);
                }
            });
            btnNewButton.setFont(new Font("Times New Roman", Font.PLAIN, 15));
            btnNewButton.setBounds(217, 212, 153, 23);
            frame.getContentPane().add(btnNewButton);
            frame.setVisible(true);
        }

}
```

SCREEN 9 : ADD SAL PAGE

```
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JTextField;
import javax.swing.JLabel;
import java.awt.Font;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import java.awt.event.ActionEvent;

public class AddSal {

	int balance;
	private JFrame frame;
	private JTextField textField;

	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					AddSal window = new AddSal("praneeth@gmail.com");
					window.frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
		});
```

```
}

/**
 * Create the application.
 */
public AddSal(String email) {
	initialize(email);
	frame.setVisible(true);
}

/**
 * Initialize the contents of the frame.
 */
private void initialize(String email) {
	frame = new JFrame();
	frame.setBounds(100, 100, 450, 300);
	frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
	frame.getContentPane().setLayout(null);

	textField = new JTextField();
	textField.setColumns(10);
	textField.setBounds(195, 88, 209, 20);
	frame.getContentPane().add(textField);

	JLabel lblNewLabel = new JLabel("Enter amount");
	lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 20));
	lblNewLabel.setBounds(33, 90, 115, 18);
	frame.getContentPane().add(lblNewLabel);

	JLabel lblNewLabel_1 = new JLabel(":");
	lblNewLabel_1.setFont(new Font("Times New Roman", Font.BOLD, 20));
	lblNewLabel_1.setBounds(169, 89, 7, 14);
	frame.getContentPane().add(lblNewLabel_1);

	JButton btnNewButton_1 = new JButton("Back");
```

```
		btnNewButton_1.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				HomePage lp=new HomePage(email);
				frame.setVisible(false);
			}
		});
		btnNewButton_1.setFont(new Font("Times New Roman", Font.BOLD, 20));
		btnNewButton_1.setBounds(56, 178, 89, 23);
		frame.getContentPane().add(btnNewButton_1);

		JButton btnNewButton = new JButton("Next");
		btnNewButton.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				try {
					Class.forName("com.mysql.cj.jdbc.Driver");
					Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/logindetails", "root", "");
					Statement stmt = con.createStatement();
					String qry = "select * from customerlogin";
					ResultSet rs = stmt.executeQuery(qry);
					while(rs.next()) {
						if(rs.getString(3).equalsIgnoreCase(email)) {
							balance=Integer.parseInt(rs.getString(6));
							break;
						}
					}
					int a=Integer.parseInt(textField.getText());
					balance=balance+a;
					qry="UPDATE customerlogin SET balance='"+balance+"'
where email='"+email+"';";
					stmt.executeUpdate(qry);
				}
				catch(Exception ex) {
					ex.printStackTrace();
				}
```

```
                    CurrentBalance lp=new CurrentBalance(email);
                    frame.setVisible(false);
                }
            });
            btnNewButton.setFont(new Font("Times New Roman", Font.BOLD, 20));
            btnNewButton.setBounds(278, 176, 89, 23);
            frame.getContentPane().add(btnNewButton);
            frame.setVisible(true);
        }
}
```

SCREEN 10: STATEMENT PAGE

```
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JLabel;
import java.awt.Font;
import java.sql.*;

import javax.swing.SwingConstants;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
public class Statement {

    private JFrame frame;

    /**
     * Launch the application.
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Statement window = new Statement("praneeth@gmail.com");
                    window.frame.setVisible(true);
```

```
                        } catch (Exception e) {
                                e.printStackTrace();
                        }
                }
        });
}

/**
 * Create the application.
 */
public Statement(String email) {
        initialize(email);
        frame.setVisible(true);
}

/**
 * Initialize the contents of the frame.
 */
private void initialize(String email) {
        frame = new JFrame();
        frame.setBounds(100, 100, 450, 600);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.getContentPane().setLayout(null);

        JLabel lblNewLabel = new JLabel("Items");
        lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);
        lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 20));
        lblNewLabel.setBounds(31, 25, 87, 24);
        frame.getContentPane().add(lblNewLabel);

        JLabel lblAmount = new JLabel("Amount");
        lblAmount.setHorizontalAlignment(SwingConstants.CENTER);
        lblAmount.setFont(new Font("Times New Roman", Font.BOLD, 20));
        lblAmount.setBounds(284, 25, 87, 24);
        frame.getContentPane().add(lblAmount);
```

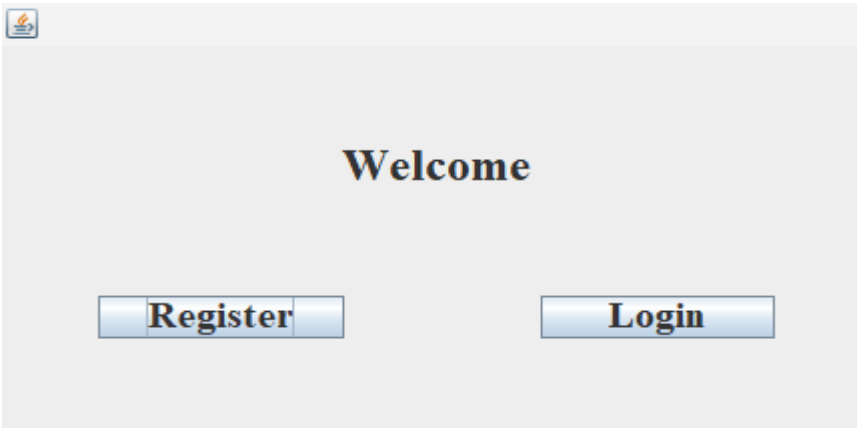
```
JButton btnNewButton = new JButton("Back");
btnNewButton.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		HomePage lp=new HomePage(email);
		frame.setVisible(false);
	}
});
btnNewButton.setFont(new Font("Times New Roman", Font.BOLD, 12));
btnNewButton.setBounds(311, 527, 89, 23);
frame.getContentPane().add(btnNewButton);


try {
	Class.forName("com.mysql.cj.jdbc.Driver");
	Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/logindetails", "root", "");
	java.sql.Statement stmt = con.createStatement();
	String qry = "select * from statement";
	ResultSet rs = stmt.executeQuery(qry);
	int y=65;
	while(rs.next()) {
		if(rs.getString(1).equalsIgnoreCase(email)) {
			JLabel itemname = new JLabel(rs.getString(2));
			itemname.setHorizontalAlignment(SwingConstants.CENTER);
			itemname.setFont(new Font("Times New Roman", Font.PLAIN, 15));
			itemname.setBounds(34, y, 90, 24);
			frame.getContentPane().add(itemname);

			JLabel lblamount = new JLabel(rs.getString(3));
			lblamount.setHorizontalAlignment(SwingConstants.CENTER);
			lblamount.setFont(new Font("Times New Roman", Font.PLAIN, 15));
			lblamount.setBounds(280, y, 87, 24);
```

```
                                frame.getContentPane().add(lblamount);
                                y=y+25;
                        }

                }
        }
        catch(Exception e){
                e.printStackTrace();
        }
        frame.setVisible(true);

    }

}
```

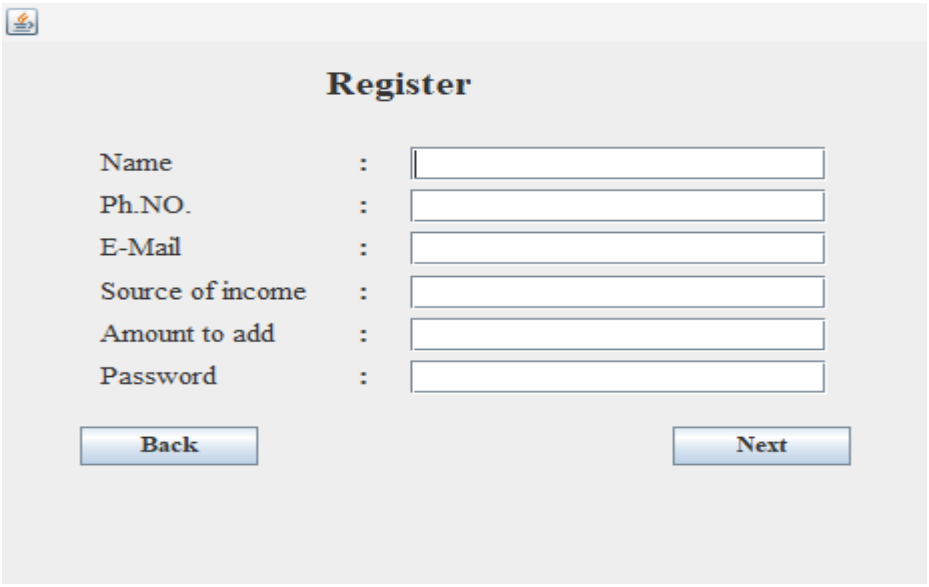
CHAPTER 5

RESULT SCREENS

SCREEN 1:



SCREEN 2:



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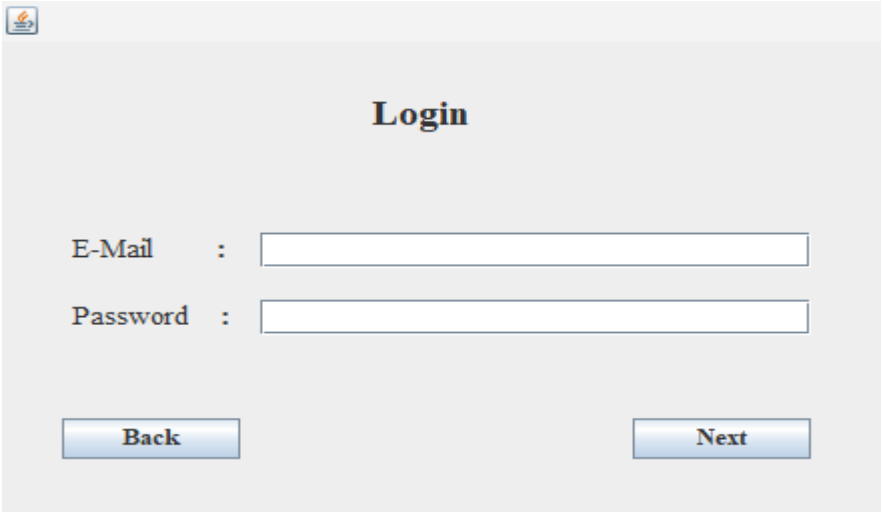

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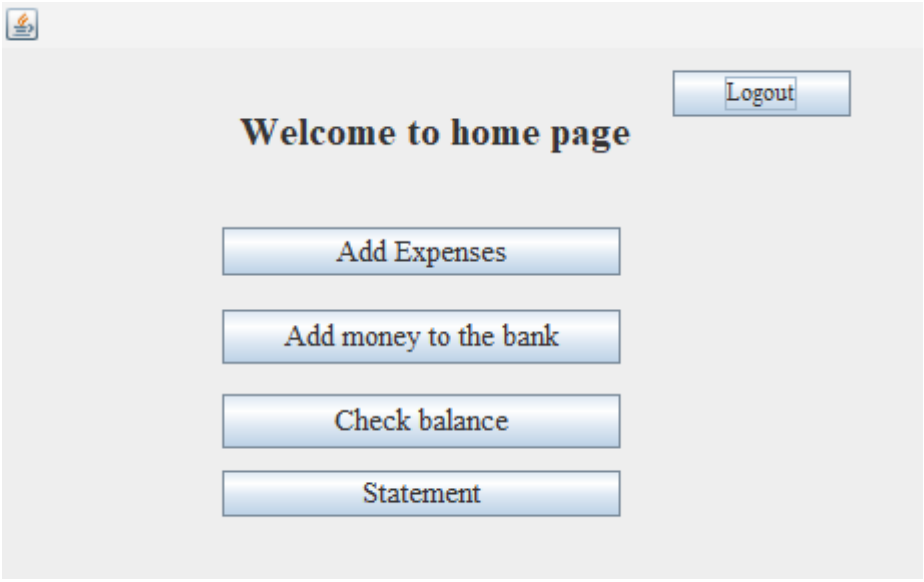

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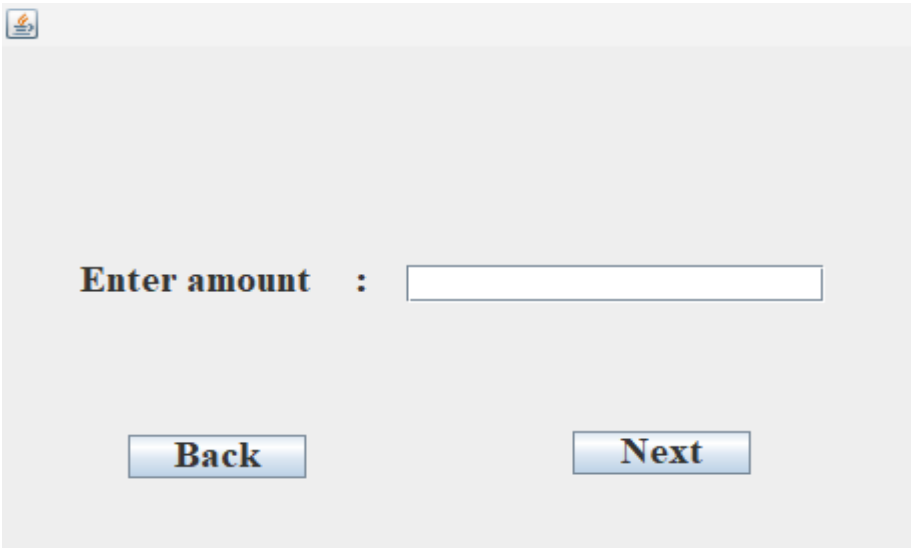

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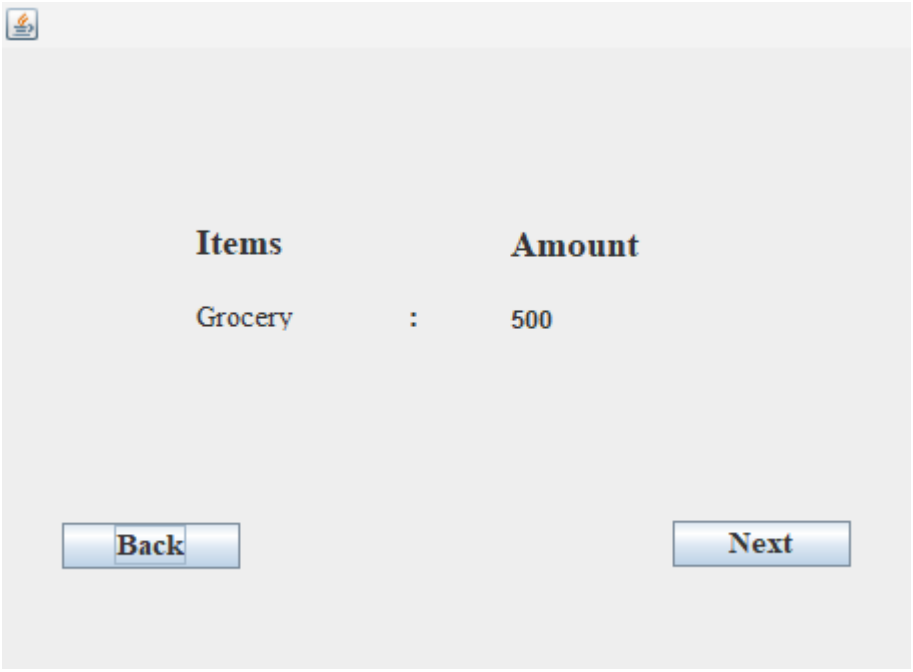

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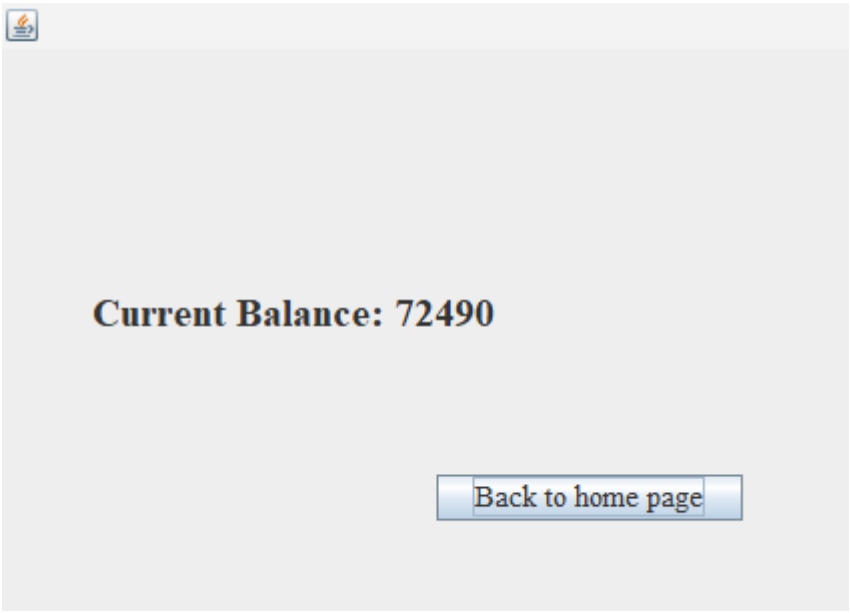

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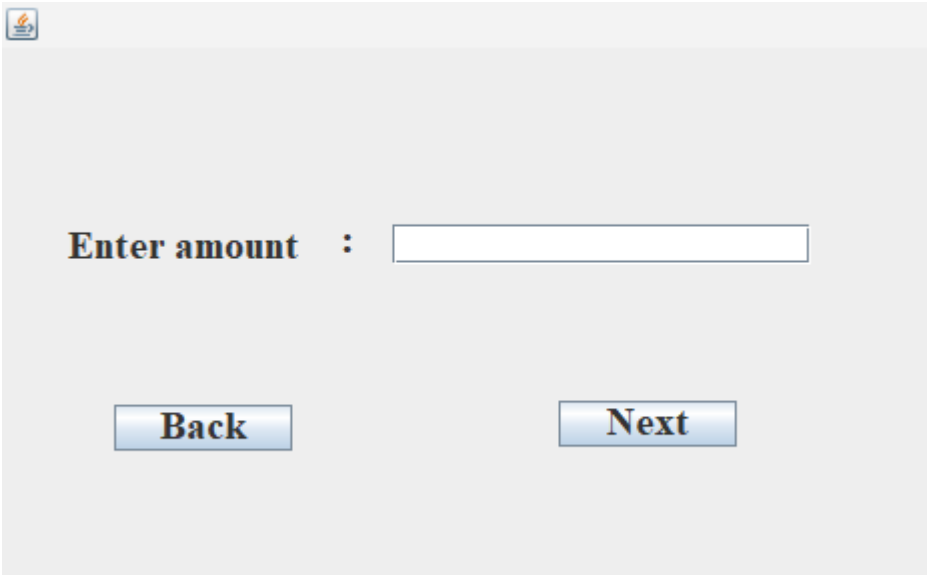

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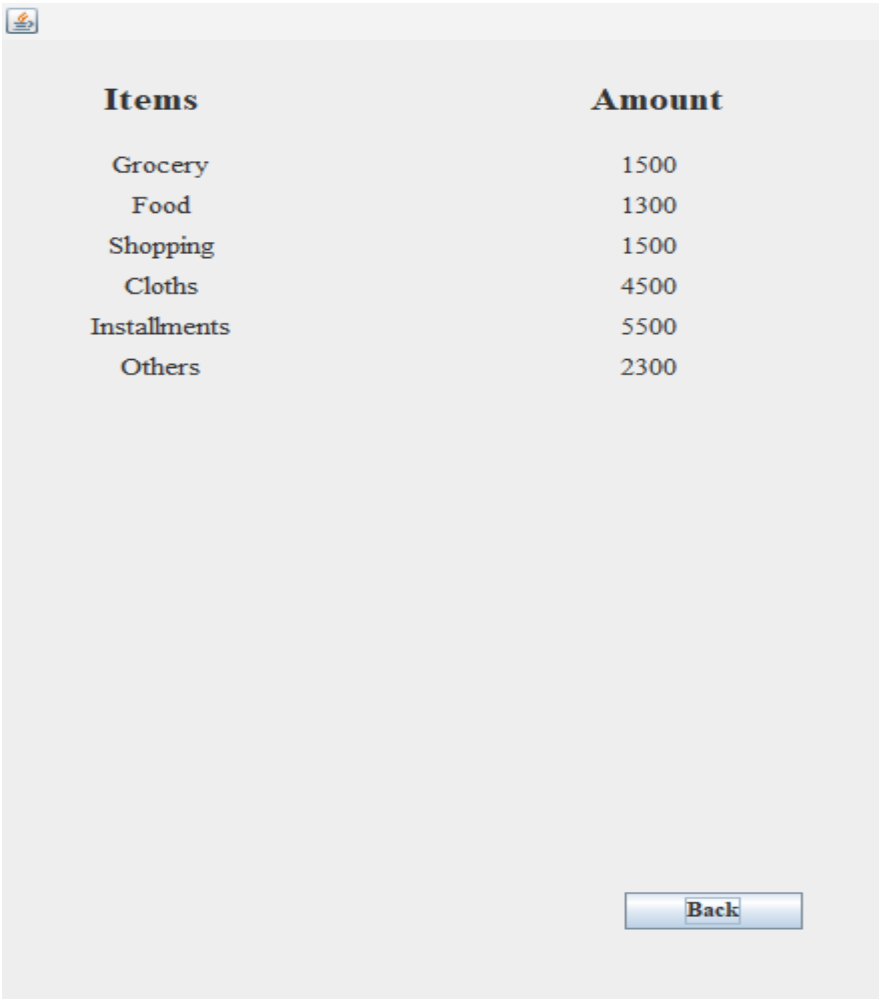

CHAPTER 6

CONCLUSION

Conclusion:

In conclusion, creating a Java finance tracker requires a thorough process that includes thorough planning, reliable coding, and an approachable design. With the help of features like budgeting tools, intelligent reports, and tools for tracking income and expenses, this project gives customers the ability to take charge of their finances. The effective development of this application depends on the selection of an appropriate database system, thorough testing, and continuous maintenance. People can make more informed decisions and have a better understanding of their financial habits by having a safe and easily available tool, which will ultimately improve their financial well-being.

By providing a safe, user-friendly, and intuitive interface, users may better understand their spending patterns and make decisions that will lead to a more secure financial future. In the end, this Java-based personal finance tracker's effective deployment is a useful tool for advancing financial literacy and empowering users to take charge of their financial management.