```java
package swings_customer;

public class Customer {

        String cid,username,pass;
        int phone;

        public Customer(String username,String pass,String cid,int phone) {
                this.cid = cid;
                this.phone = phone;
                this.pass = pass;
                this.username = username;
        }

        public String toString() {
                return "Username :"+username+"CID: "+cid+" PHONE: "+phone;
        }
}
```

```java
package swings_customer;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

import javax.swing.*;
import java.util.*;
import javax.swing.event.*;

public class Main extends Frame implements ActionListener{
        JTextArea area;
        JLabel username,password,cid,phone;
        JTextField usernametxt,passwordtxt,cidtxt,phonetxt;
        JButton submit,add;

        ArrayList<Customer> clist = new ArrayList<Customer>();
        boolean newCustomer = false;
        public Main() {
                area = new JTextArea();
                username = new JLabel("USERNAME");
                password = new JLabel("PASSWORD");
                cid = new JLabel("CUSTOMER ID");
```

```java
            phone = new JLabel("PHONE NO");
            usernametxt = new JTextField();
            passwordtxt = new JTextField();
            cidtxt = new JTextField();
            phonetxt = new JTextField();
            submit = new JButton("SUBMIT");
            add = new JButton("ADD");
            submit.addActionListener((ActionListener)this);
            add.addActionListener((ActionListener)this);

            // TODO Auto-generated method stub
                        System.out.println("hi");

            add(username);
            add(usernametxt);
            add(password);
            add(passwordtxt);
            add(phone);
            add(phonetxt);
            add(cid);
            add(cidtxt);
            add(submit);
            add(add);
            add(area);
            setSize(600,400);
            setLayout(new GridLayout(6,2));
            setVisible(true);
            phone.setVisible(false);
            phonetxt.setVisible(false);
            cid.setVisible(false);
            cidtxt.setVisible(false);
            add.setVisible(false);
    }

    public void actionPerformed(ActionEvent ev) {
            if(ev.getSource()==submit) {
                    String un = usernametxt.getText();
                    String pass = passwordtxt.getText();
                    newCustomer = true;
                    for(Customer i :clist) {
                            if(i.username.equals(un) && i.pass.equals(pass)) {
                                    JOptionPane.showMessageDialog(this, "USER
FOUND");

                                    area.setText("");
                                    area.setText(i.toString());
                                    newCustomer = false;
                            }
                    }
```

```java
                        if(newCustomer)
                        {
                                JOptionPane.showMessageDialog(this, "NO USER
FOUND\nADD AS A NEW CUSTOMER");
                                submit.setVisible(false);
                                phone.setVisible(true);
                                phonetxt.setVisible(true);
                                cid.setVisible(true);
                                cidtxt.setVisible(true);
                                add.setVisible(true);
                                newCustomer = false;
                        }
                }
                if(ev.getSource()==add) {
                        Customer i = new
Customer(usernametxt.getText(),passwordtxt.getText(),cidtxt.getText(),Integer.parseInt(phon
etxt.getText()));
                        clist.add(i);
                        phone.setVisible(false);
                        phonetxt.setVisible(false);
                        cid.setVisible(false);
                        cidtxt.setVisible(false);
                        add.setVisible(false);
                        submit.setVisible(true);
                        area.setText("");
                        area.setText(i.toString());
                }
        }
        public static void main(String[] args) {
                        Main m = new Main();
        }

}
```