XYZ Hotel Management System

By

Java Swing

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Introduction of the application

The XYZ Hotel Management System is a versatile Java Swing application designed to streamline and improve the XYZ Hotel's operations. This application is a useful tool for managing various aspects of hotel operations, such as guest reservations, billing, and reporting.

Features of the application

1. **Friendly User Interface:**

   The application has an insightful and user-friendly interface, making it accessible to staff and administrators of varying technical expertise.

2. **Admin Access:**

   When an administrator logs in, admin is taken to a main menu page with two buttons:

   - **Manage Staff:** Enables administrators to add, remove, and update information about staff members, as well as assign roles and permissions.
   - **Manage Packages:** Allows administrators to create, modify, and delete hotel packages, including pricing, inclusions, and availability.

3. **Customer Access:**

   When a customer logs in, they are taken to a main menu page with two buttons:

   - **Manage Reservations:** This feature enables customers to view, modify, or cancel their reservations, as well as make new reservations based on availability.
   - **View Packages:** Gives customers detailed information about the hotel's packages, including pricing, inclusions, and availability.

4. **Access Control and Security Validations:**

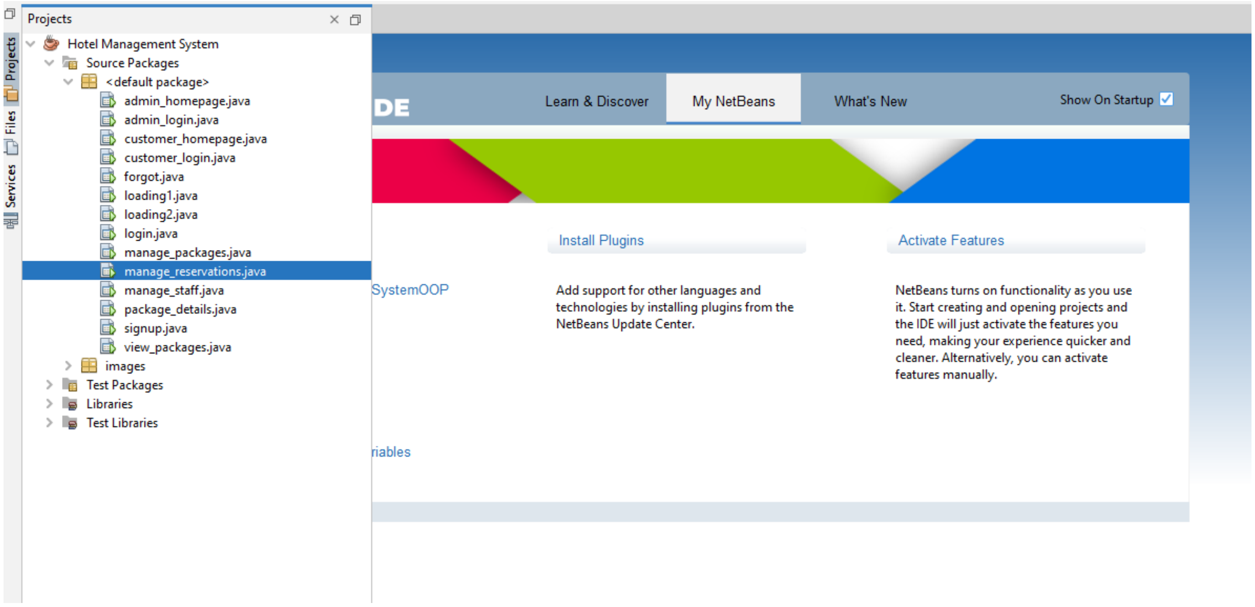
   Strong security measures are in place to protect sensitive data, and role-based access control ensures that staff members have appropriate levels of access.

5. **Analytics and Management:**

   - Create informative package details to aid in data-driven decision-making.
   - Provide management functions such as staff control, package control, reservation management, and so on.

Application design and source codes

Source Structure



```
Projects
Hotel Management System
  Source Packages
    <default package>
      admin_homepage.java
      admin_login.java
      customer_homepage.java
      customer_login.java
      forgot.java
      loading1.java
      loading2.java
      login.java
      manage_packages.java
      manage_reservations.java
      manage_staff.java
      package_details.java
      signup.java
      view_packages.java
    images
  Test Packages
  Libraries
  Test Libraries
```

Add support for other languages and technologies by installing plugins from the NetBeans Update Center.

NetBeans turns on functionality as you use it. Start creating and opening projects and the IDE will just activate the features you need, making your experience quicker and cleaner. Alternatively, you can activate features manually.

Figure 1 Package Structure

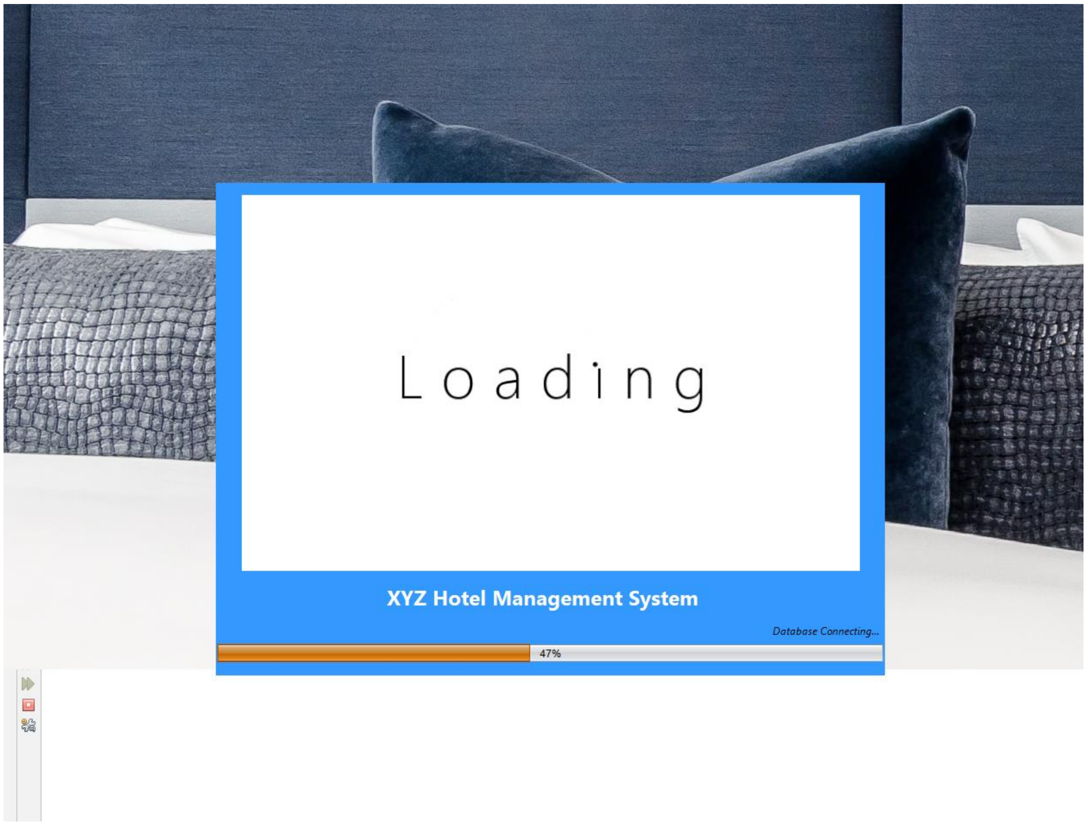
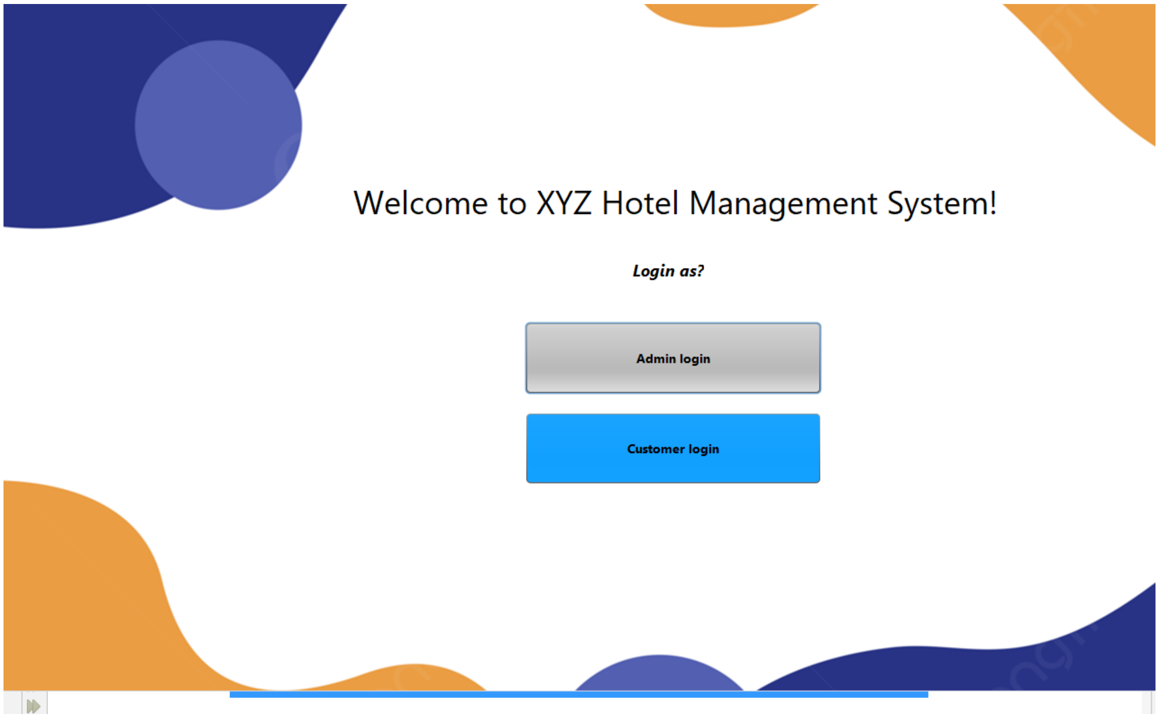


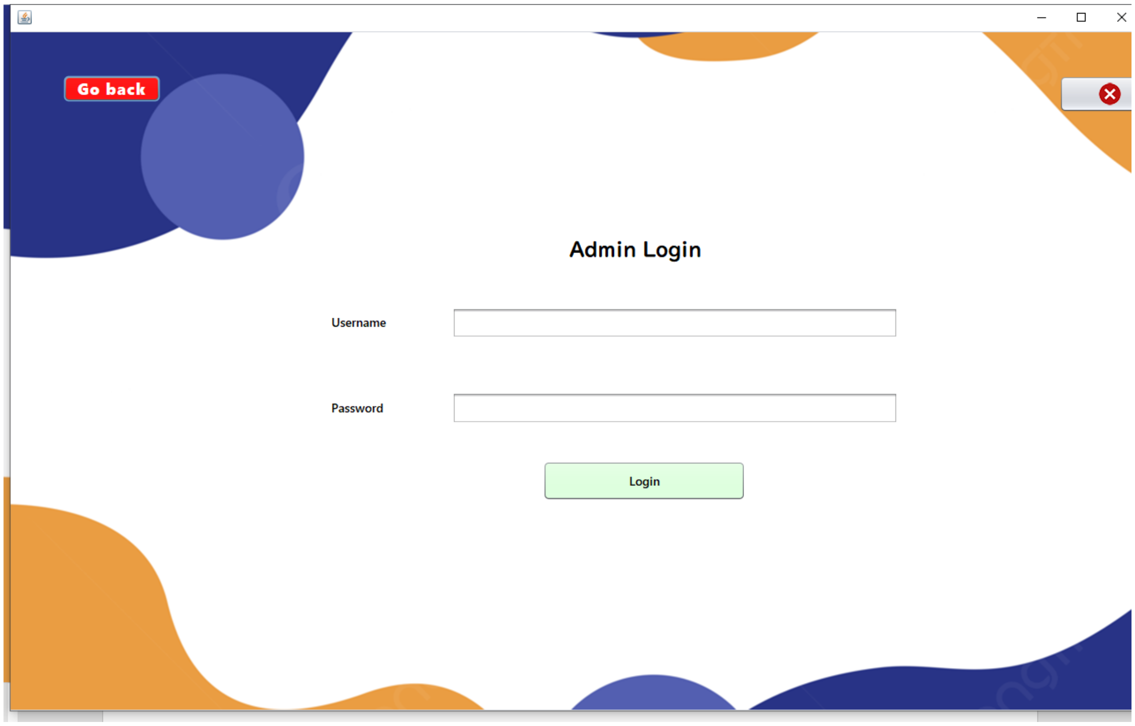
Figure 2 Loading screen



Welcome to XYZ Hotel Management System!

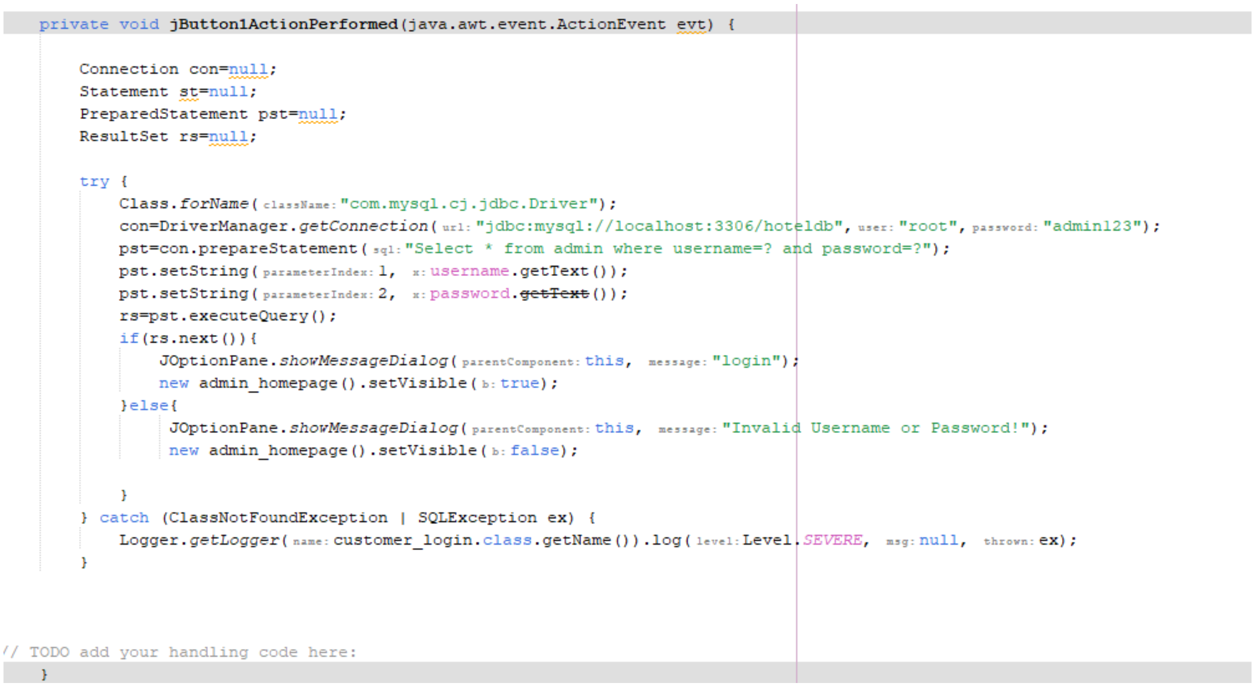
Login as?

Figure 3 Select user type



Admin Login

Figure 4 Admin login



```
 private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

     Connection con=null;
     Statement st=null;
     PreparedStatement pst=null;
     ResultSet rs=null;

     try {
         Class.forName( className: "com.mysql.cj.jdbc.Driver");
         con=DriverManager.getConnection( url: "jdbc:mysql://localhost:3306/hoteldb", user: "root", password: "admin123");
         pst=con.prepareStatement( sql: "Select * from admin where username=? and password=?");
         pst.setString( parameterIndex: 1,  x: username.getText());
         pst.setString( parameterIndex: 2,  x: password.~~getText~~());
         rs=pst.executeQuery();
         if(rs.next()){
             JOptionPane.showMessageDialog( parentComponent: this,  message: "login");
             new admin_homepage().setVisible( b: true);
         }else{
              JOptionPane.showMessageDialog( parentComponent: this,  message: "Invalid Username or Password!");
              new admin_homepage().setVisible( b: false);

         }
     } catch (ClassNotFoundException | SQLException ex) {
         Logger.getLogger( name: customer_login.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
     }


// TODO add your handling code here:
  }
```

Figure 5 Database establish and Admin login

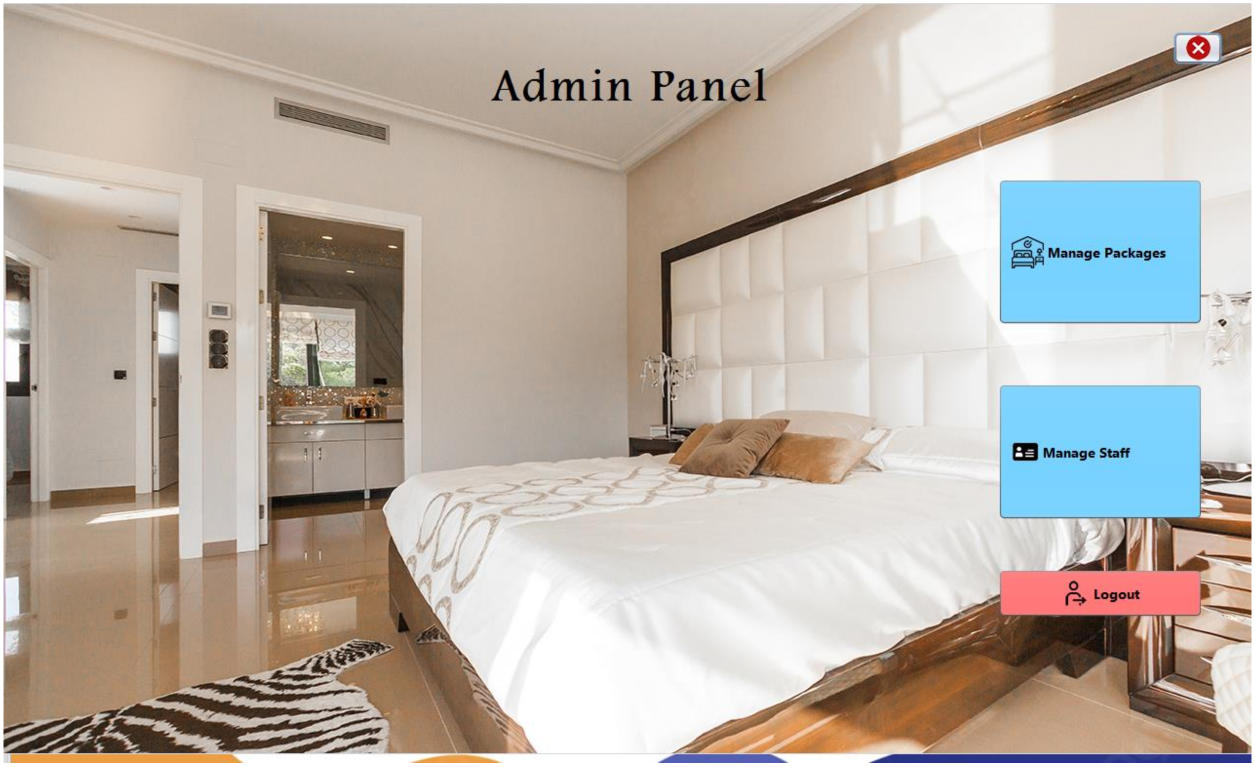
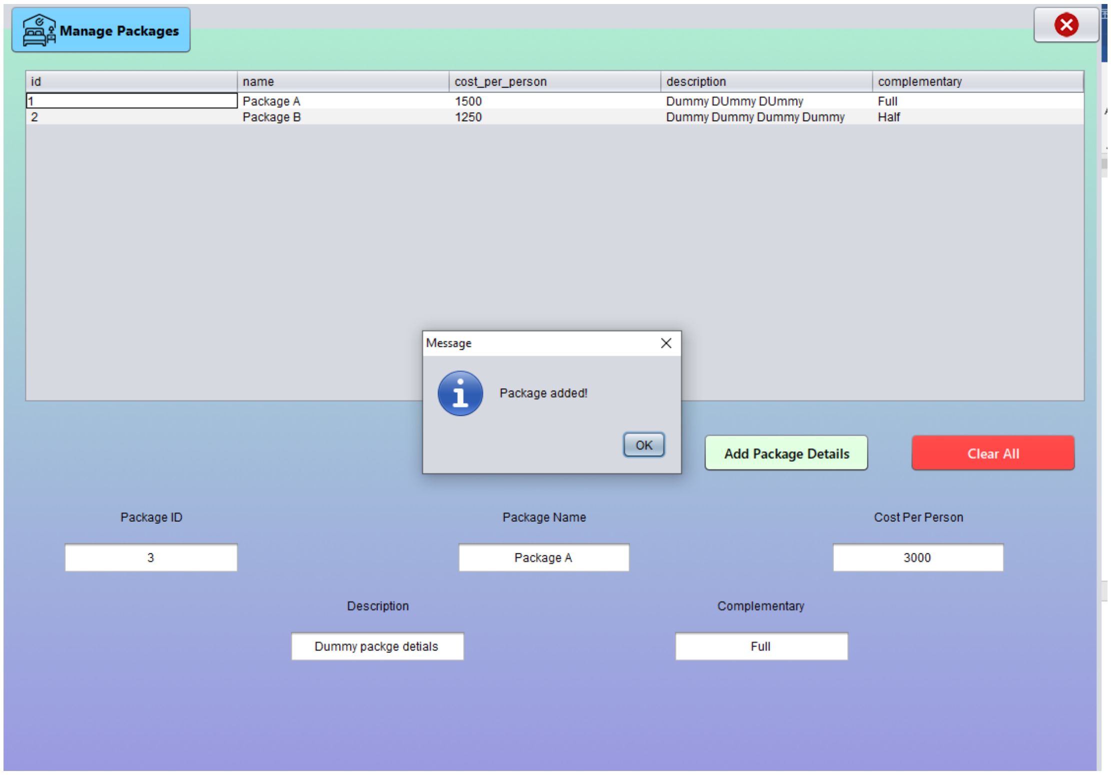


Figure 6 Admin dashboard



id	name	cost_per_person	description	complementary
1	Package A	1500	Dummy DUmmy DUmmy	Full
2	Package B	1250	Dummy Dummy Dummy Dummy	Half

Message

Package added!

Package ID: 3

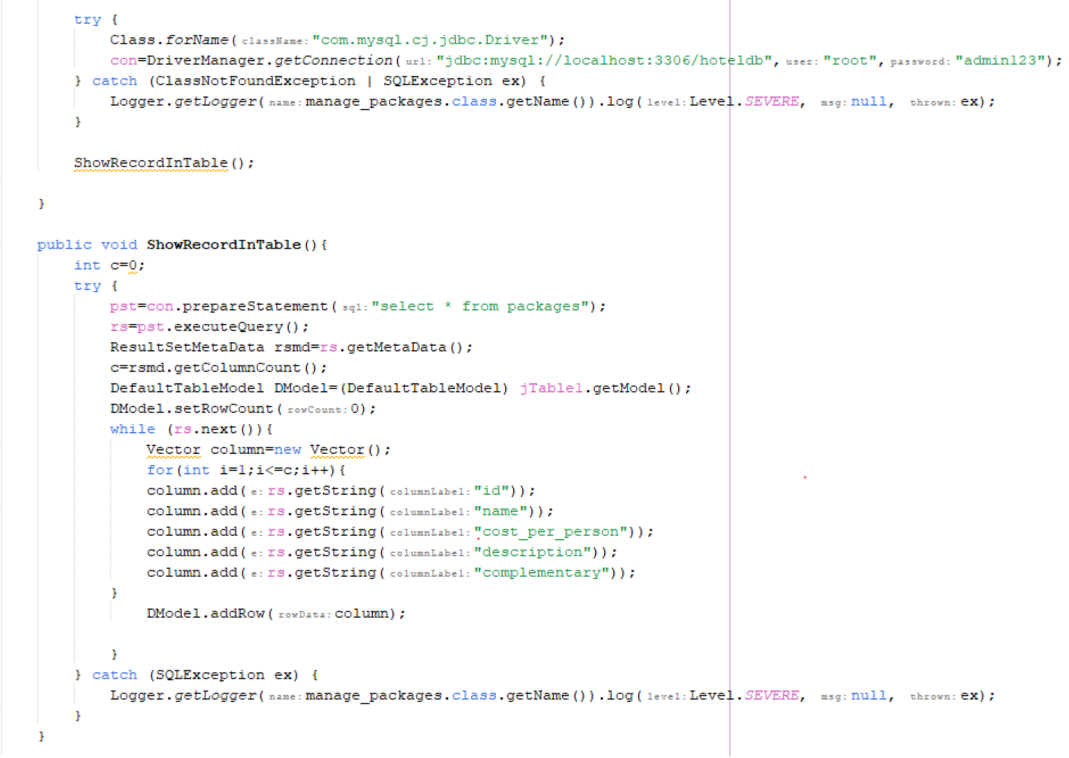
Package Name: Package A

Cost Per Person: 3000

Description: Dummy packge detials

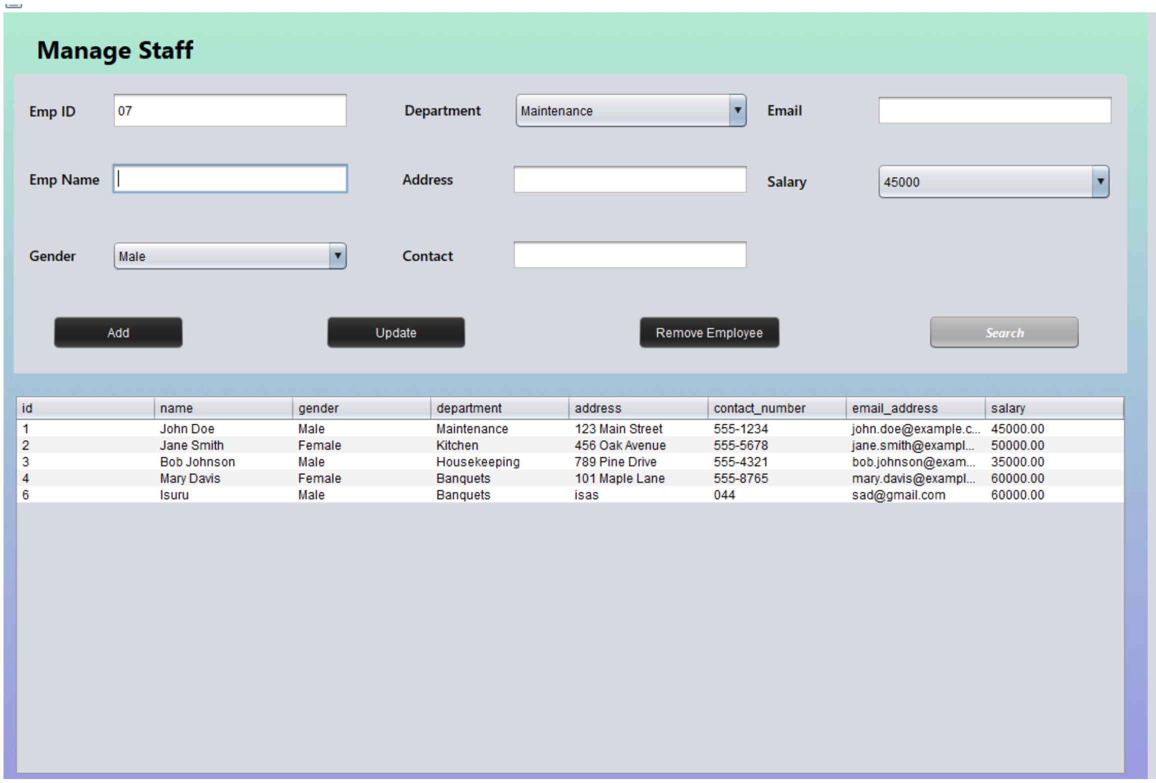
Complementary: Full

Figure 7 Admin manage packages



```
    try {
        Class.forName( className: "com.mysql.cj.jdbc.Driver");
        con=DriverManager.getConnection( url: "jdbc:mysql://localhost:3306/hoteldb", user: "root", password: "admin123");
    } catch (ClassNotFoundException | SQLException ex) {
        Logger.getLogger( name: manage_packages.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
    }

    ShowRecordInTable();

}

public void ShowRecordInTable(){
    int c=0;
    try {
        pst=con.prepareStatement( sql: "select * from packages");
        rs=pst.executeQuery();
        ResultSetMetaData rsmd=rs.getMetaData();
        c=rsmd.getColumnCount();
        DefaultTableModel DModel=(DefaultTableModel) jTable1.getModel();
        DModel.setRowCount( rowCount: 0);
        while (rs.next()){
            Vector column=new Vector();
            for(int i=1;i<=c;i++){
            column.add( e: rs.getString( columnLabel: "id"));
            column.add( e: rs.getString( columnLabel: "name"));
            column.add( e: rs.getString( columnLabel: "cost_per_person"));
            column.add( e: rs.getString( columnLabel: "description"));
            column.add( e: rs.getString( columnLabel: "complementary"));
        }
            DModel.addRow( rowData: column);

        }
    } catch (SQLException ex) {
        Logger.getLogger( name: manage_packages.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
    }
}
```

Figure 8 Manage packages source

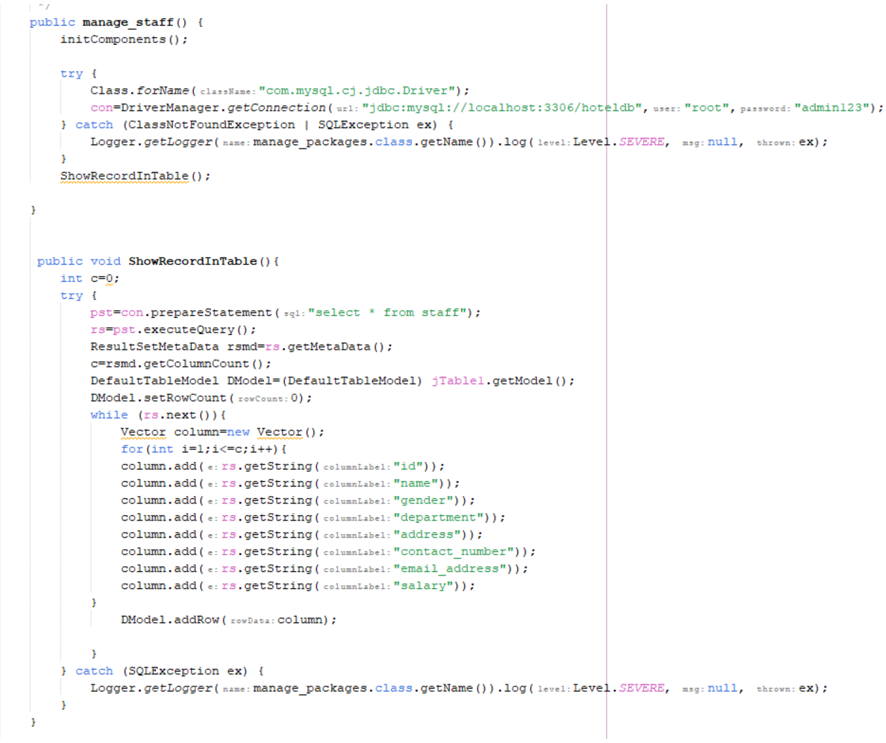


Manage Staff

Emp ID	07	Department	Maintenance	Email	
Emp Name		Address		Salary	45000
Gender	Male	Contact			

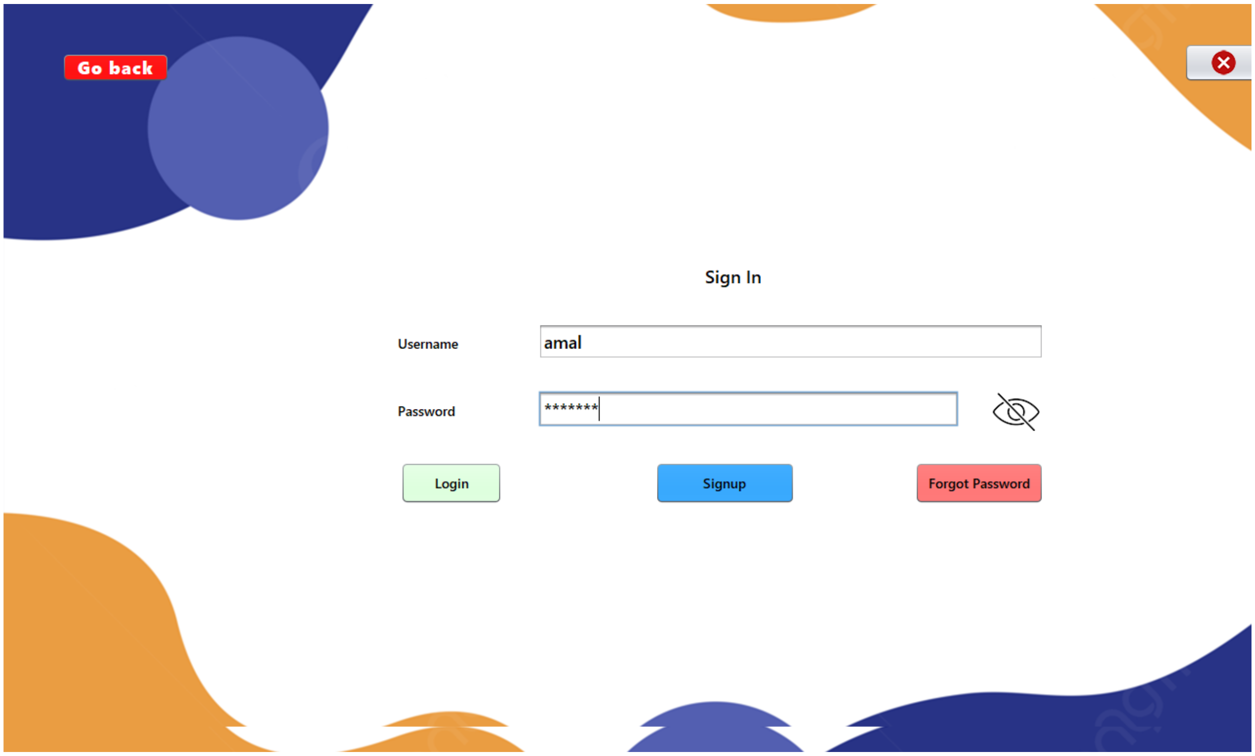
id	name	gender	department	address	contact_number	email_address	salary
1	John Doe	Male	Maintenance	123 Main Street	555-1234	john.doe@example.c...	45000.00
2	Jane Smith	Female	Kitchen	456 Oak Avenue	555-5678	jane.smith@exampl...	50000.00
3	Bob Johnson	Male	Housekeeping	789 Pine Drive	555-4321	bob.johnson@exam...	35000.00
4	Mary Davis	Female	Banquets	101 Maple Lane	555-8765	mary.davis@exampl...	60000.00
6	Isuru	Male	Banquets	isas	044	sad@gmail.com	60000.00

Figure 9 Manage Staff Admin



```
 */
public manage_staff() {
    initComponents();

    try {
        Class.forName( className: "com.mysql.cj.jdbc.Driver");
        con=DriverManager.getConnection( url: "jdbc:mysql://localhost:3306/hoteldb", user: "root", password: "admin123");
    } catch (ClassNotFoundException | SQLException ex) {
        Logger.getLogger( name: manage_packages.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
    }
    ShowRecordInTable();

}


 public void ShowRecordInTable(){
    int c=0;
    try {
        pst=con.prepareStatement( sql: "select * from staff");
        rs=pst.executeQuery();
        ResultSetMetaData rsmd=rs.getMetaData();
        c=rsmd.getColumnCount();
        DefaultTableModel DModel=(DefaultTableModel) jTable1.getModel();
        DModel.setRowCount( rowCount: 0);
        while (rs.next()){
            Vector column=new Vector();
            for(int i=1;i<=c;i++){
            column.add( e: rs.getString( columnLabel: "id"));
            column.add( e: rs.getString( columnLabel: "name"));
            column.add( e: rs.getString( columnLabel: "gender"));
            column.add( e: rs.getString( columnLabel: "department"));
            column.add( e: rs.getString( columnLabel: "address"));
            column.add( e: rs.getString( columnLabel: "contact_number"));
            column.add( e: rs.getString( columnLabel: "email_address"));
            column.add( e: rs.getString( columnLabel: "salary"));
        }
            DModel.addRow( rowData: column);

        }
    } catch (SQLException ex) {
        Logger.getLogger( name: manage_packages.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
    }
}
```

Figure 10 Manage staff source

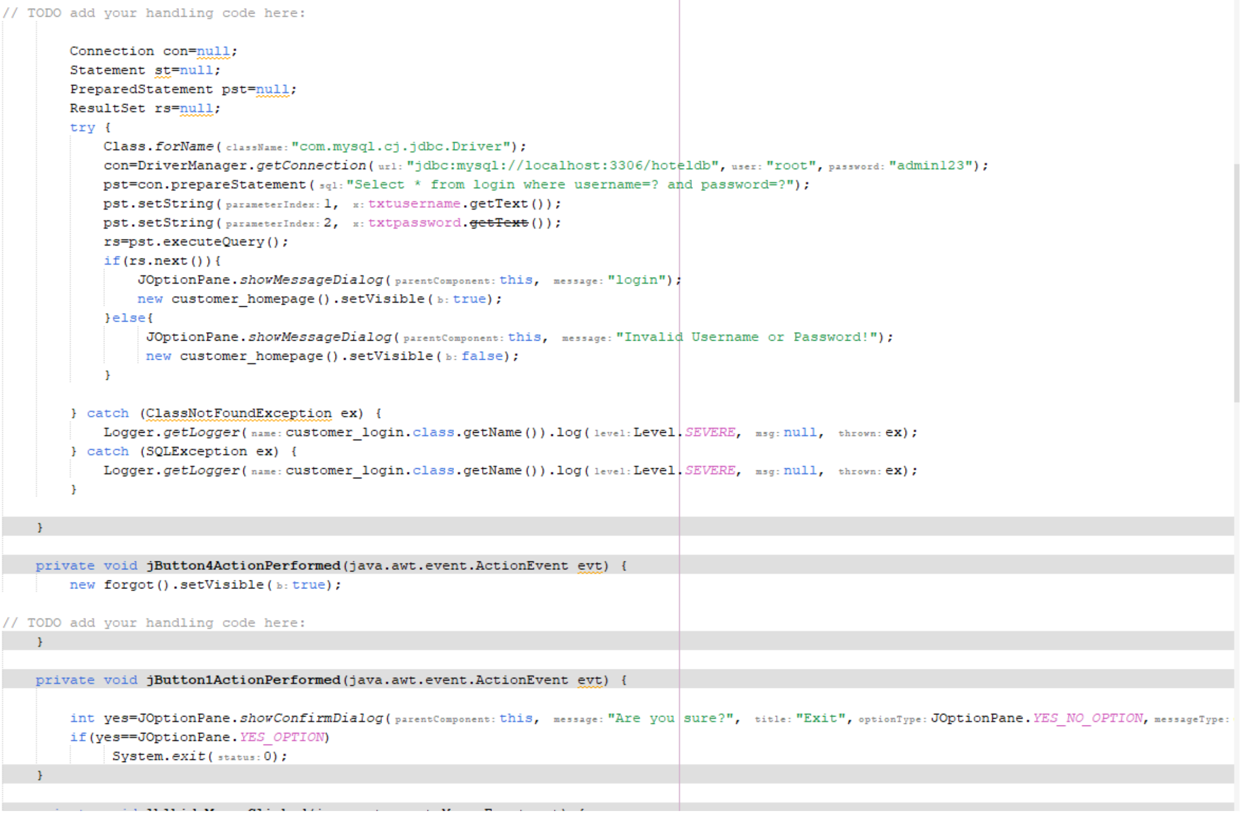


Sign In

Username amal

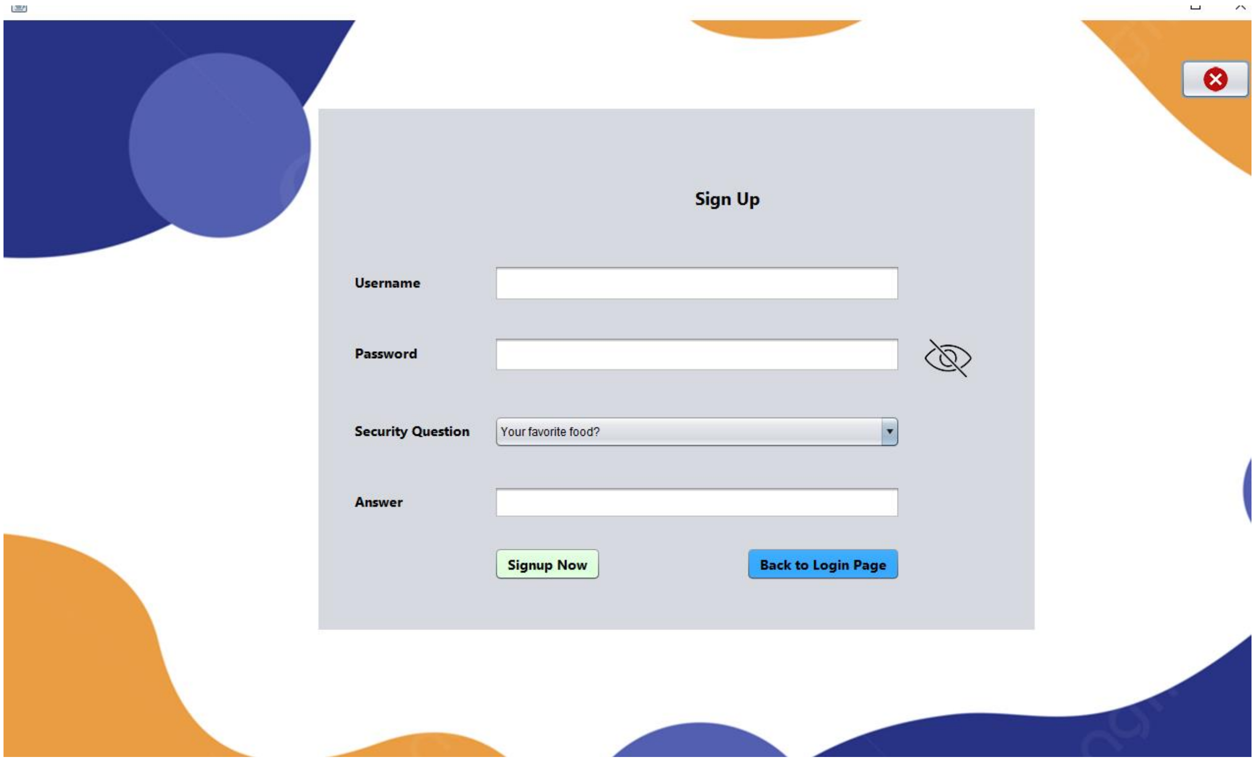
Password *******

Figure 11 Customer login



```
// TODO add your handling code here:

        Connection con=null;
        Statement st=null;
        PreparedStatement pst=null;
        ResultSet rs=null;
        try {
            Class.forName( className: "com.mysql.cj.jdbc.Driver");
            con=DriverManager.getConnection( url: "jdbc:mysql://localhost:3306/hoteldb", user: "root", password: "admin123");
            pst=con.prepareStatement( sql: "Select * from login where username=? and password=?");
            pst.setString( parameterIndex: 1,  x: txtusername.getText());
            pst.setString( parameterIndex: 2,  x: txtpassword.~~getText~~());
            rs=pst.executeQuery();
            if(rs.next()){
                JOptionPane.showMessageDialog( parentComponent: this,  message: "login");
                new customer_homepage().setVisible( b: true);
            }else{
                 JOptionPane.showMessageDialog( parentComponent: this,  message: "Invalid Username or Password!");
                 new customer_homepage().setVisible( b: false);
            }

        } catch (ClassNotFoundException ex) {
            Logger.getLogger( name: customer_login.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
        } catch (SQLException ex) {
            Logger.getLogger( name: customer_login.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
        }

    }

    private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
        new forgot().setVisible( b: true);

// TODO add your handling code here:
    }

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

        int yes=JOptionPane.showConfirmDialog( parentComponent: this,  message: "Are you sure?",  title: "Exit", optionType: JOptionPane.YES_NO_OPTION, messageType:
        if(yes==JOptionPane.YES_OPTION)
             System.exit( status: 0);
    }
```

Figure 12 Customer login and Validation source



Sign Up

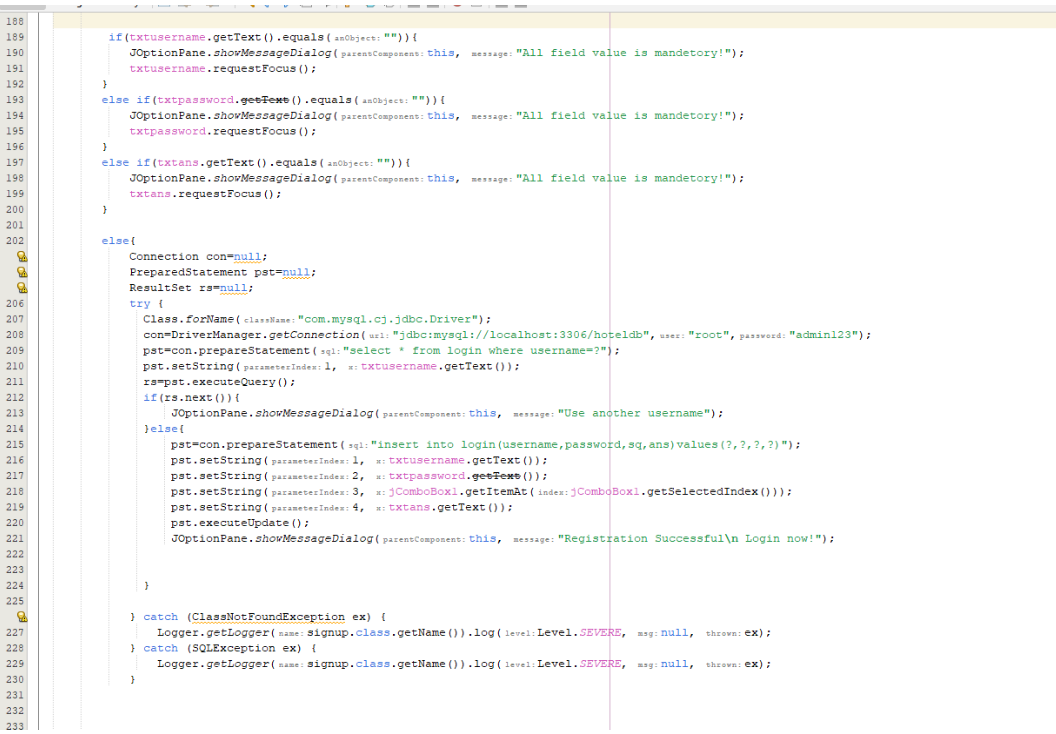
Username

Password

Security Question: Your favorite food?

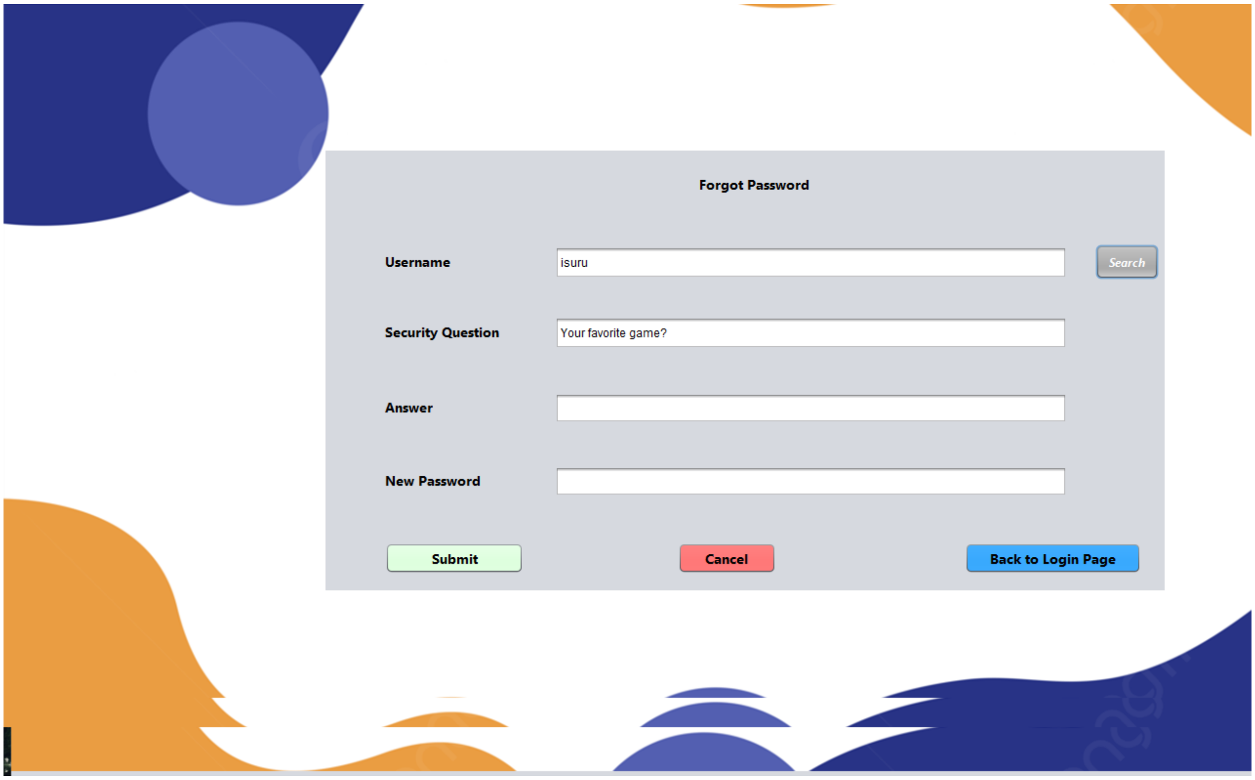
Answer

Figure 13 Signup



```
         if(txtusername.getText().equals( anObject: "")){
            JOptionPane.showMessageDialog( parentComponent: this,  message: "All field value is mandetory!");
            txtusername.requestFocus();
        }
        else if(txtpassword.~~getText~~().equals( anObject: "")){
            JOptionPane.showMessageDialog( parentComponent: this,  message: "All field value is mandetory!");
            txtpassword.requestFocus();
        }
        else if(txtans.getText().equals( anObject: "")){
            JOptionPane.showMessageDialog( parentComponent: this,  message: "All field value is mandetory!");
            txtans.requestFocus();
        }

        else{
            Connection con=null;
            PreparedStatement pst=null;
            ResultSet rs=null;
            try {
              Class.forName( className: "com.mysql.cj.jdbc.Driver");
              con=DriverManager.getConnection( url: "jdbc:mysql://localhost:3306/hoteldb", user: "root", password: "admin123");
              pst=con.prepareStatement( sql: "select * from login where username=?");
              pst.setString( parameterIndex: 1,  x: txtusername.getText());
              rs=pst.executeQuery();
              if(rs.next()){
                  JOptionPane.showMessageDialog( parentComponent: this,  message: "Use another username");
              }else{
                  pst=con.prepareStatement( sql: "insert into login(username,password,sq,ans)values(?,?,?,?)");
                  pst.setString( parameterIndex: 1,  x: txtusername.getText());
                  pst.setString( parameterIndex: 2,  x: txtpassword.~~getText~~());
                  pst.setString( parameterIndex: 3,  x: jComboBox1.getItemAt( index: jComboBox1.getSelectedIndex()));
                  pst.setString( parameterIndex: 4,  x: txtans.getText());
                  pst.executeUpdate();
                  JOptionPane.showMessageDialog( parentComponent: this,  message: "Registration Successful\n Login now!");


              }

            } catch (ClassNotFoundException ex) {
                Logger.getLogger( name: signup.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
            } catch (SQLException ex) {
                Logger.getLogger( name: signup.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
            }
```

Figure 14 Customer signup source



Forgot Password

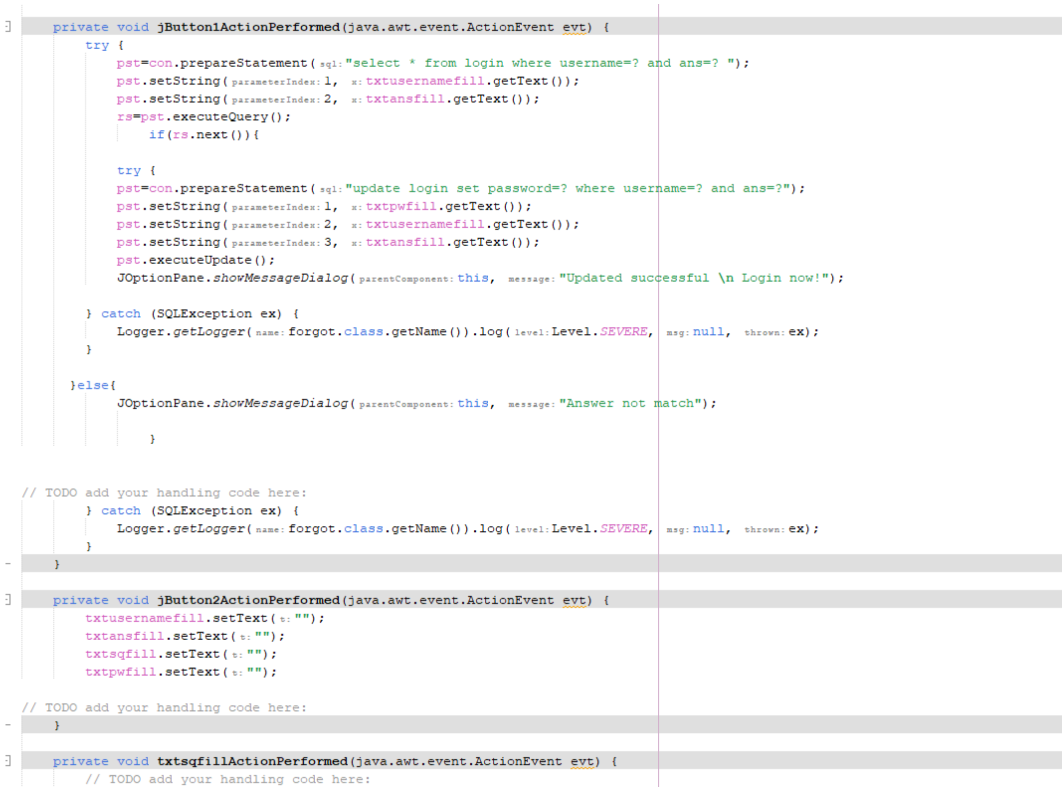
Username: isuru

Security Question: Your favorite game?

Answer:

New Password:

Figure 15 User forgot password



```
    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        try {
            pst=con.prepareStatement( sql: "select * from login where username=? and ans=? ");
            pst.setString( parameterIndex: 1,  x: txtusernamefill.getText());
            pst.setString( parameterIndex: 2,  x: txtansfill.getText());
            rs=pst.executeQuery();
                if(rs.next()){

            try {
            pst=con.prepareStatement( sql: "update login set password=? where username=? and ans=?");
            pst.setString( parameterIndex: 1,  x: txtpwfill.getText());
            pst.setString( parameterIndex: 2,  x: txtusernamefill.getText());
            pst.setString( parameterIndex: 3,  x: txtansfill.getText());
            pst.executeUpdate();
            JOptionPane.showMessageDialog( parentComponent: this,  message: "Updated successful \n Login now!");

        } catch (SQLException ex) {
            Logger.getLogger( name: forgot.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
        }

      }else{
            JOptionPane.showMessageDialog( parentComponent: this,  message: "Answer not match");

                }


// TODO add your handling code here:
        } catch (SQLException ex) {
            Logger.getLogger( name: forgot.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
        }
    }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        txtusernamefill.setText( t: "");
        txtansfill.setText( t: "");
        txtsqfill.setText( t: "");
        txtpwfill.setText( t: "");

// TODO add your handling code here:
    }

    private void txtsqfillActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
```

Figure 16 Forgot password source

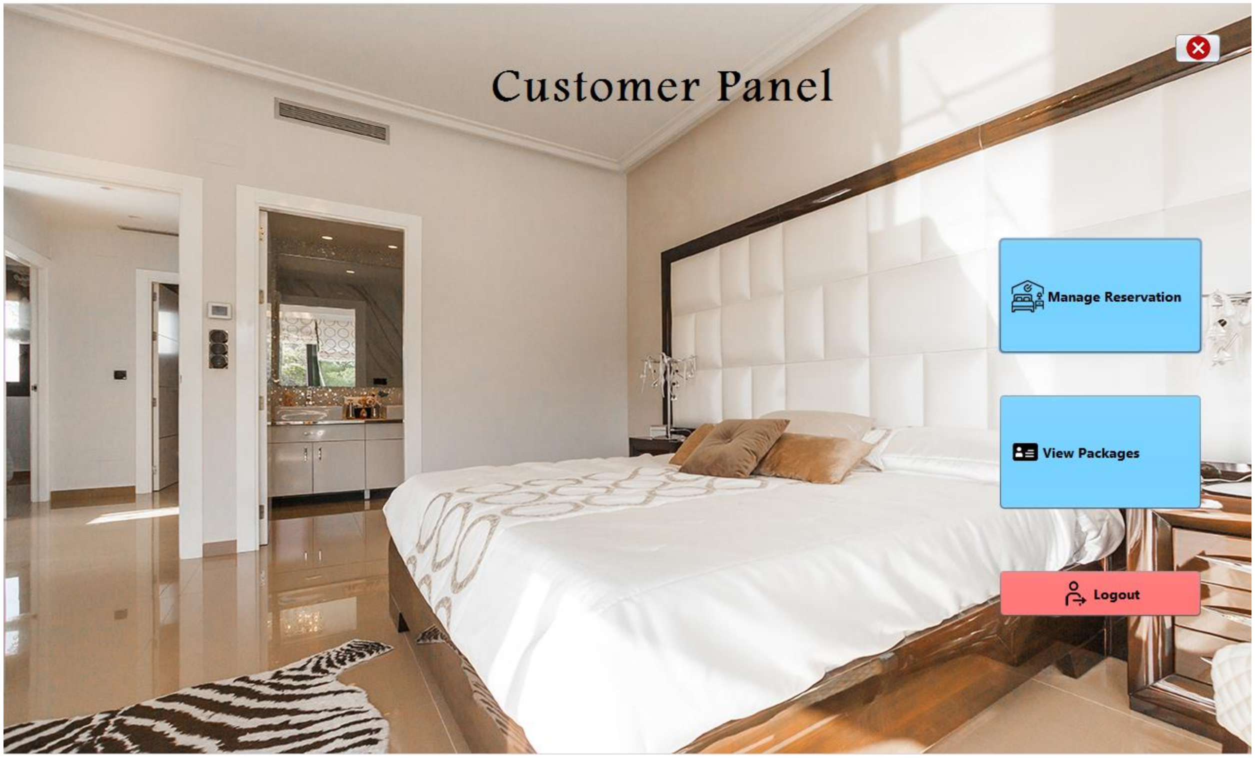
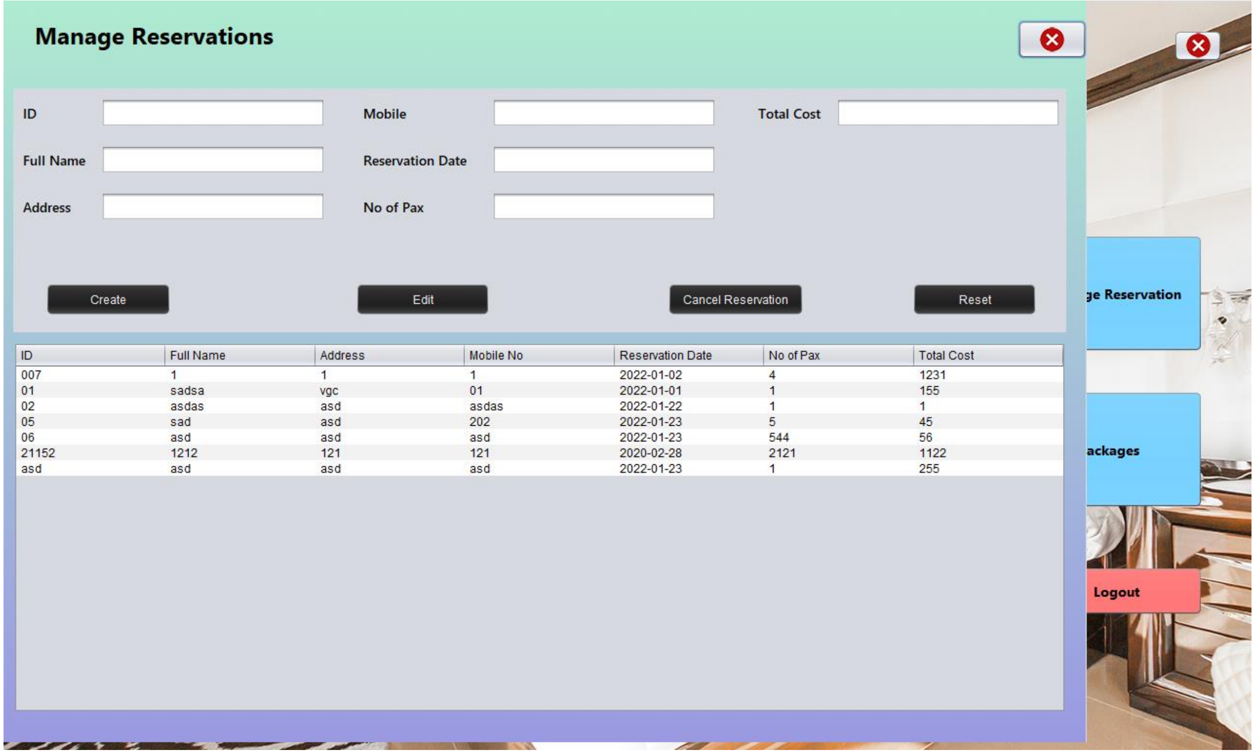
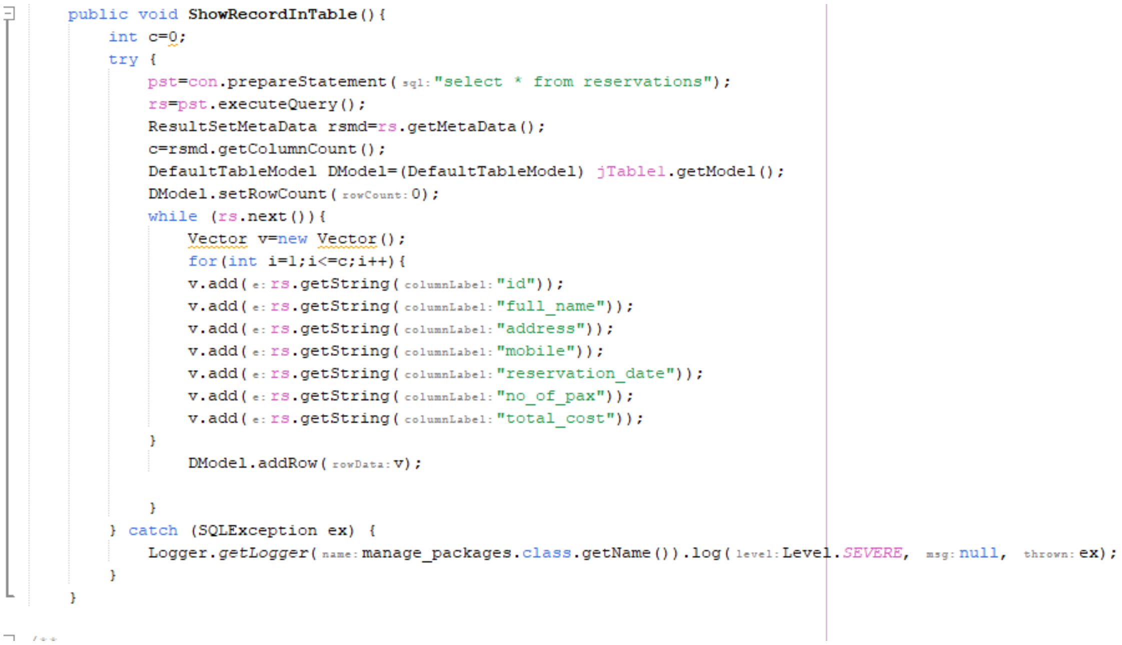


Figure 17 Customer panel



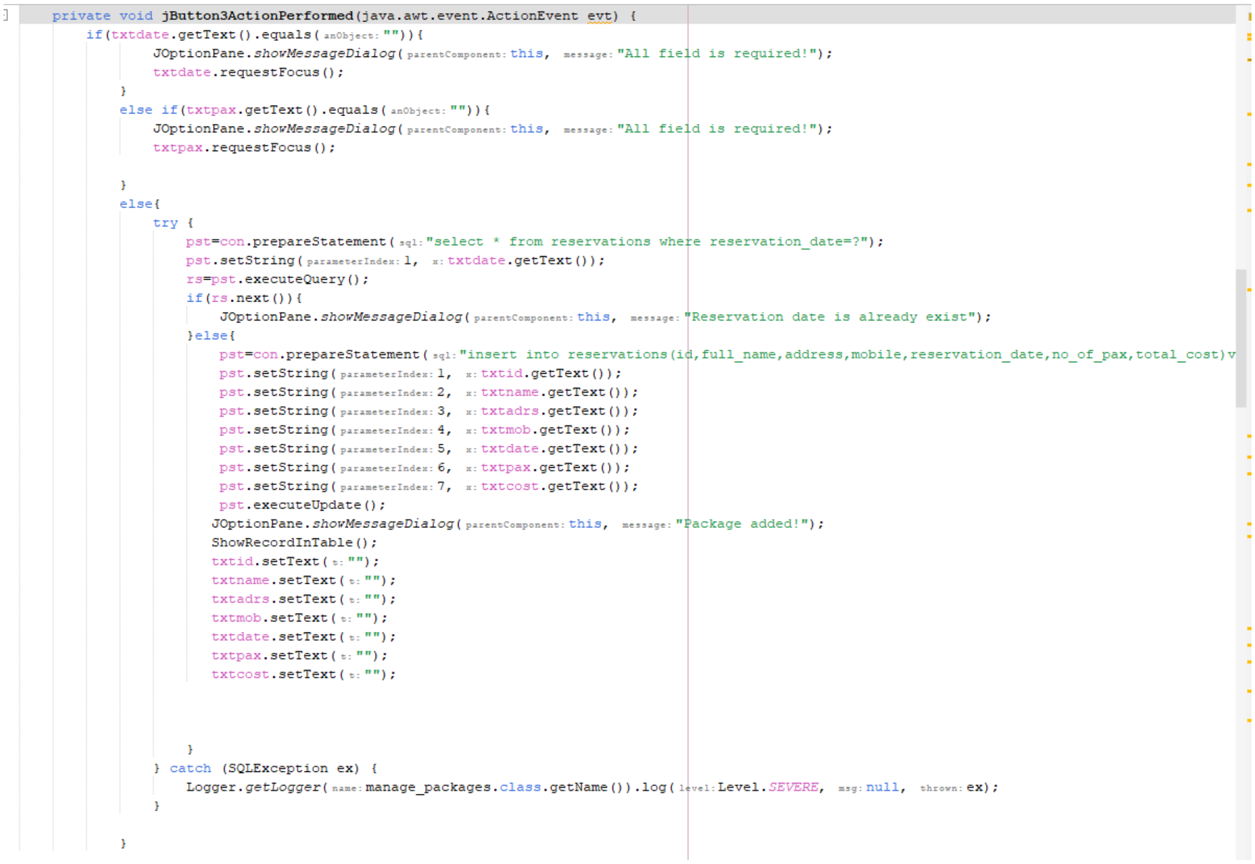
ID	Full Name	Address	Mobile No	Reservation Date	No of Pax	Total Cost
007	1	1	1	2022-01-02	4	1231
01	sadsa	vgc	01	2022-01-01	1	155
02	asdas	asd	asdas	2022-01-22	1	1
05	sad	asd	202	2022-01-23	5	45
06	asd	asd	asd	2022-01-23	544	56
21152	1212	121	121	2020-02-28	2121	1122
asd	asd	asd	asd	2022-01-23	1	255

Figure 18 Manage Reservation



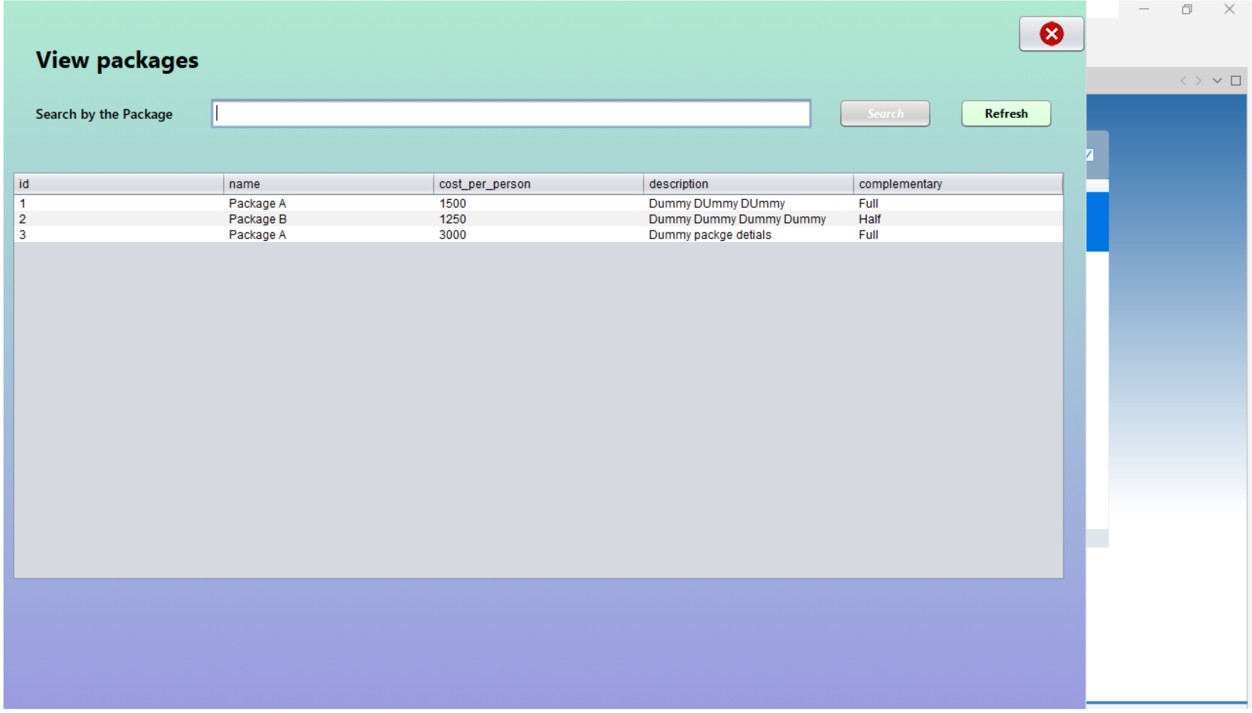
```
public void ShowRecordInTable(){
    int c=0;
    try {
        pst=con.prepareStatement( sql: "select * from reservations");
        rs=pst.executeQuery();
        ResultSetMetaData rsmd=rs.getMetaData();
        c=rsmd.getColumnCount();
        DefaultTableModel DModel=(DefaultTableModel) jTable1.getModel();
        DModel.setRowCount( rowCount: 0);
        while (rs.next()){
            Vector v=new Vector();
            for(int i=1;i<=c;i++){
            v.add( e: rs.getString( columnLabel: "id"));
            v.add( e: rs.getString( columnLabel: "full_name"));
            v.add( e: rs.getString( columnLabel: "address"));
            v.add( e: rs.getString( columnLabel: "mobile"));
            v.add( e: rs.getString( columnLabel: "reservation_date"));
            v.add( e: rs.getString( columnLabel: "no_of_pax"));
            v.add( e: rs.getString( columnLabel: "total_cost"));
        }
            DModel.addRow( rowData: v);

        }
    } catch (SQLException ex) {
        Logger.getLogger( name: manage_packages.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
    }
}

/**
```

Figure 19 Manage reservation source 01



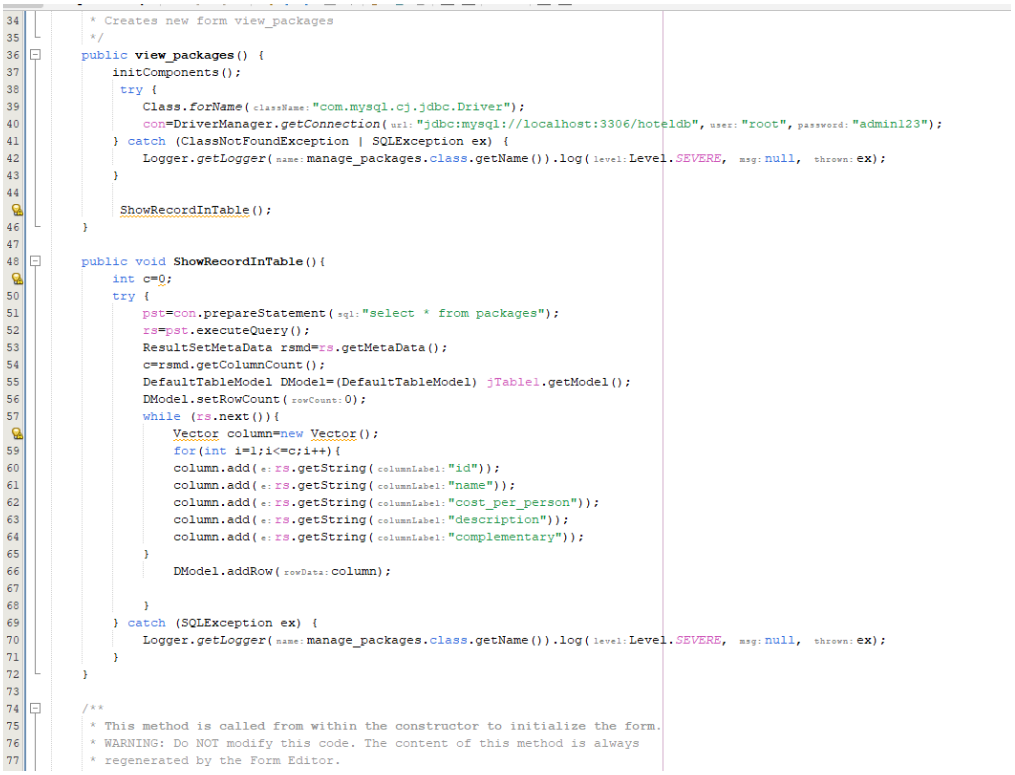
```
    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        if(txtdate.getText().equals( anObject: "")){
                JOptionPane.showMessageDialog( parentComponent: this,  message: "All field is required!");
                txtdate.requestFocus();
            }
            else if(txtpax.getText().equals( anObject: "")){
                JOptionPane.showMessageDialog( parentComponent: this,  message: "All field is required!");
                txtpax.requestFocus();

            }
            else{
                try {
                    pst=con.prepareStatement( sql: "select * from reservations where reservation_date=?");
                    pst.setString( parameterIndex: 1,  x: txtdate.getText());
                    rs=pst.executeQuery();
                    if(rs.next()){
                        JOptionPane.showMessageDialog( parentComponent: this,  message: "Reservation date is already exist");
                    }else{
                        pst=con.prepareStatement( sql: "insert into reservations(id,full_name,address,mobile,reservation_date,no_of_pax,total_cost)v
                        pst.setString( parameterIndex: 1,  x: txtid.getText());
                        pst.setString( parameterIndex: 2,  x: txtname.getText());
                        pst.setString( parameterIndex: 3,  x: txtadrs.getText());
                        pst.setString( parameterIndex: 4,  x: txtmob.getText());
                        pst.setString( parameterIndex: 5,  x: txtdate.getText());
                        pst.setString( parameterIndex: 6,  x: txtpax.getText());
                        pst.setString( parameterIndex: 7,  x: txtcost.getText());
                        pst.executeUpdate();
                       JOptionPane.showMessageDialog( parentComponent: this,  message: "Package added!");
                       ShowRecordInTable();
                       txtid.setText( t: "");
                       txtname.setText( t: "");
                       txtadrs.setText( t: "");
                       txtmob.setText( t: "");
                       txtdate.setText( t: "");
                       txtpax.setText( t: "");
                       txtcost.setText( t: "");



                    }
                } catch (SQLException ex) {
                    Logger.getLogger( name: manage_packages.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
                }

            }
```

Figure 20 Manage reservation source 02



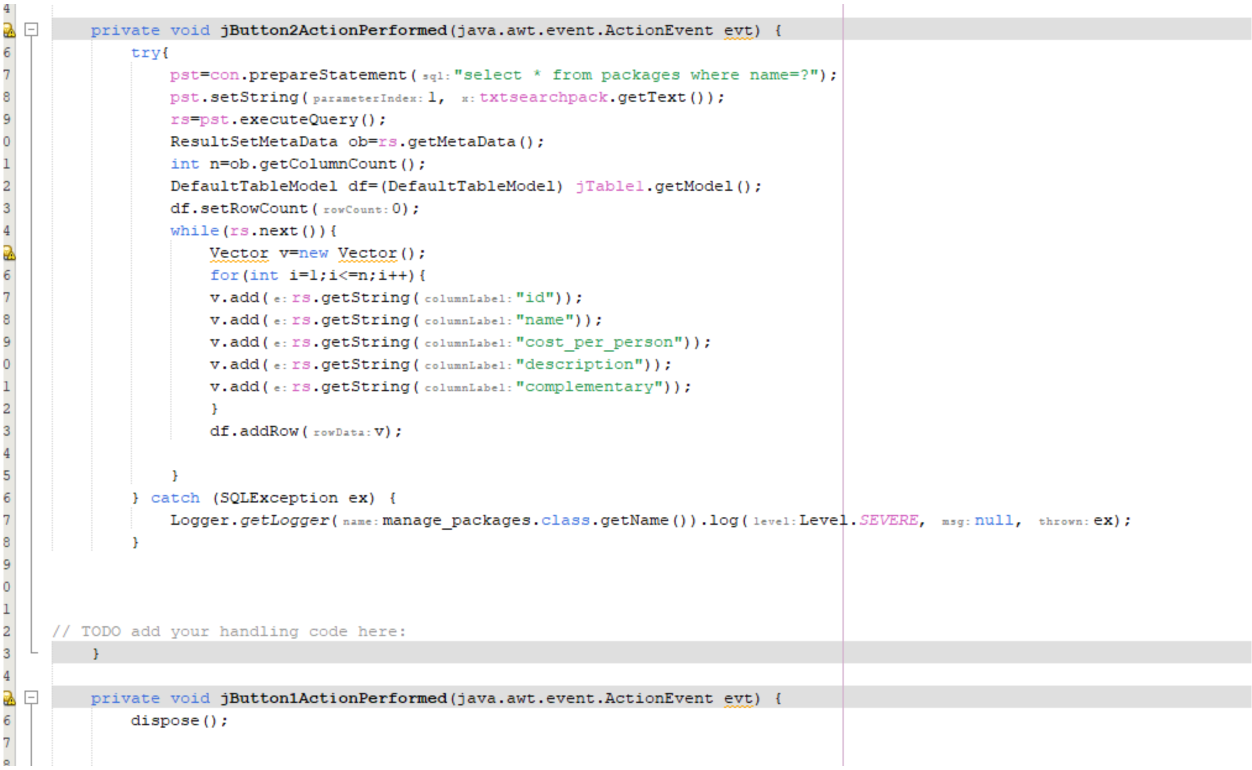
id	name	cost_per_person	description	complementary
1	Package A	1500	Dummy DUmmy DUmmy	Full
2	Package B	1250	Dummy Dummy Dummy Dummy	Half
3	Package A	3000	Dummy packge detials	Full

Figure 21 View packages



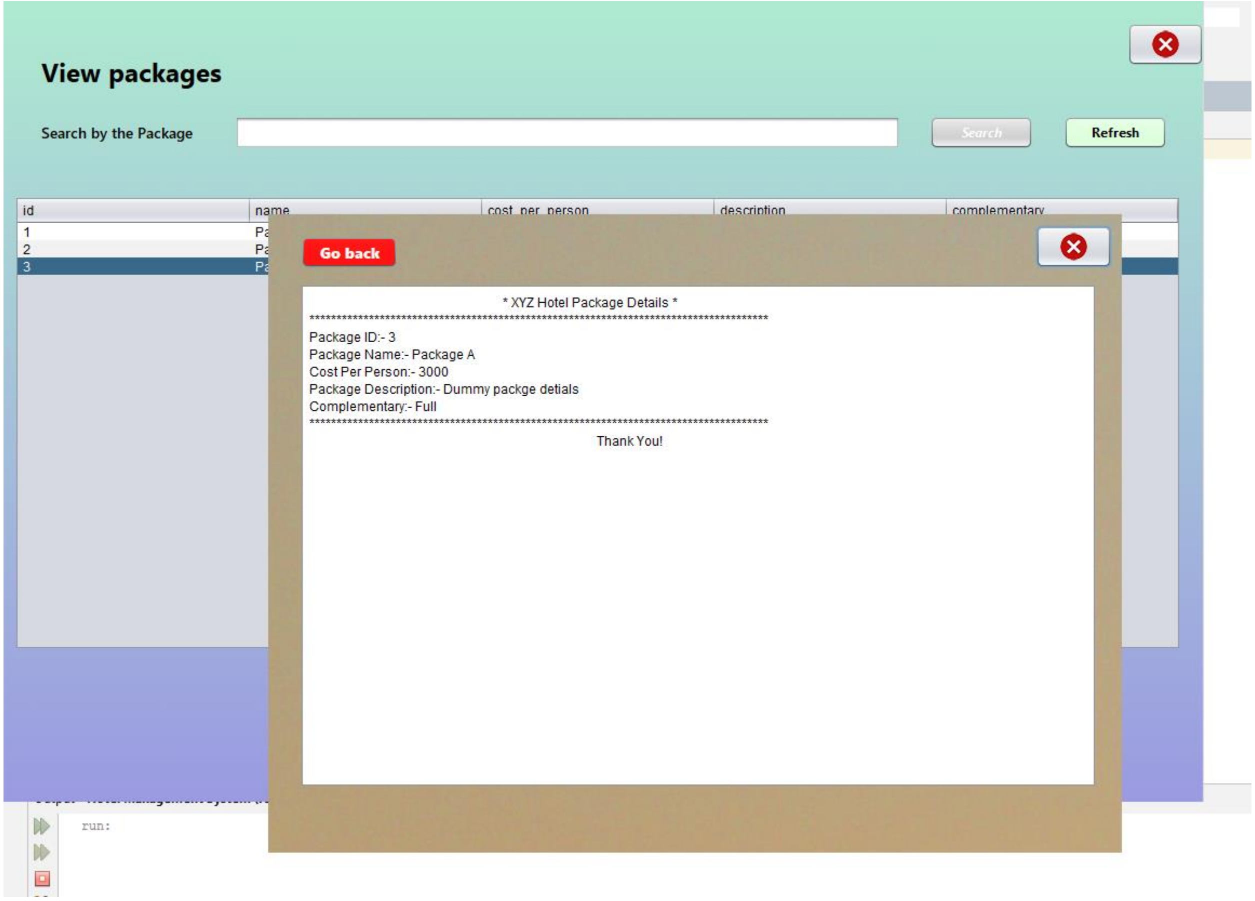
```
     * Creates new form view_packages
     */
    public view_packages() {
        initComponents();
         try {
            Class.forName(className: "com.mysql.cj.jdbc.Driver");
            con=DriverManager.getConnection(url: "jdbc:mysql://localhost:3306/hoteldb", user: "root", password: "admin123");
        } catch (ClassNotFoundException | SQLException ex) {
            Logger.getLogger(name: manage_packages.class.getName()).log(level: Level.SEVERE, msg: null, thrown: ex);
        }

         ShowRecordInTable();
    }

    public void ShowRecordInTable(){
        int c=0;
        try {
            pst=con.prepareStatement(sql: "select * from packages");
            rs=pst.executeQuery();
            ResultSetMetaData rsmd=rs.getMetaData();
            c=rsmd.getColumnCount();
            DefaultTableModel DModel=(DefaultTableModel) jTable1.getModel();
            DModel.setRowCount(rowCount: 0);
            while (rs.next()){
                Vector column=new Vector();
                for(int i=1;i<=c;i++){
                column.add(e: rs.getString(columnLabel: "id"));
                column.add(e: rs.getString(columnLabel: "name"));
                column.add(e: rs.getString(columnLabel: "cost_per_person"));
                column.add(e: rs.getString(columnLabel: "description"));
                column.add(e: rs.getString(columnLabel: "complementary"));
            }
                DModel.addRow(rowData: column);

            }
        } catch (SQLException ex) {
            Logger.getLogger(name: manage_packages.class.getName()).log(level: Level.SEVERE, msg: null, thrown: ex);
        }
    }

    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
```

Figure 22 View packages source



```
    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        try{
            pst=con.prepareStatement( sql: "select * from packages where name=?");
            pst.setString( parameterIndex: 1,  x: txtsearchpack.getText());
            rs=pst.executeQuery();
            ResultSetMetaData ob=rs.getMetaData();
            int n=ob.getColumnCount();
            DefaultTableModel df=(DefaultTableModel) jTable1.getModel();
            df.setRowCount( rowCount: 0);
            while(rs.next()){
                Vector v=new Vector();
                for(int i=1;i<=n;i++){
                v.add( e: rs.getString( columnLabel: "id"));
                v.add( e: rs.getString( columnLabel: "name"));
                v.add( e: rs.getString( columnLabel: "cost_per_person"));
                v.add( e: rs.getString( columnLabel: "description"));
                v.add( e: rs.getString( columnLabel: "complementary"));
                }
                df.addRow( rowData: v);

            }
        } catch (SQLException ex) {
            Logger.getLogger( name: manage_packages.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
        }



// TODO add your handling code here:
    }

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        dispose();

```

Figure 23 View packages source 02

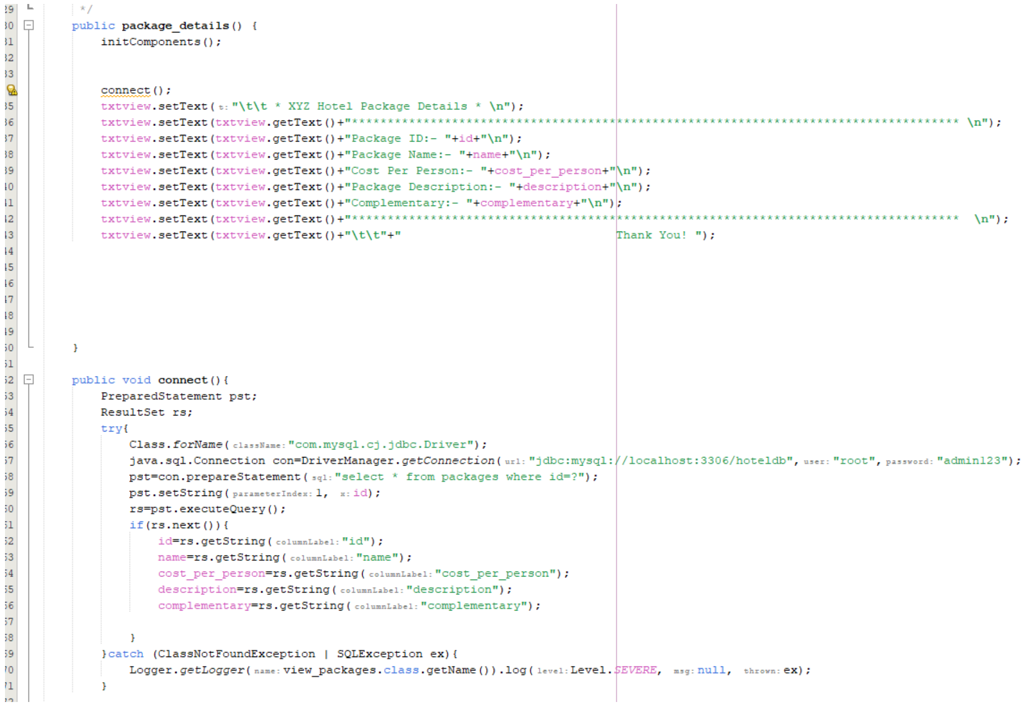


id	name	cost_per_person	description	complementary
1	Pa			
2	Pa			
3	Pa			

```
* XYZ Hotel Package Details *
*****************************************************************************
Package ID:- 3
Package Name:- Package A
Cost Per Person:- 3000
Package Description:- Dummy packge detials
Complementary:- Full
*****************************************************************************
Thank You!
```

```
run:
```

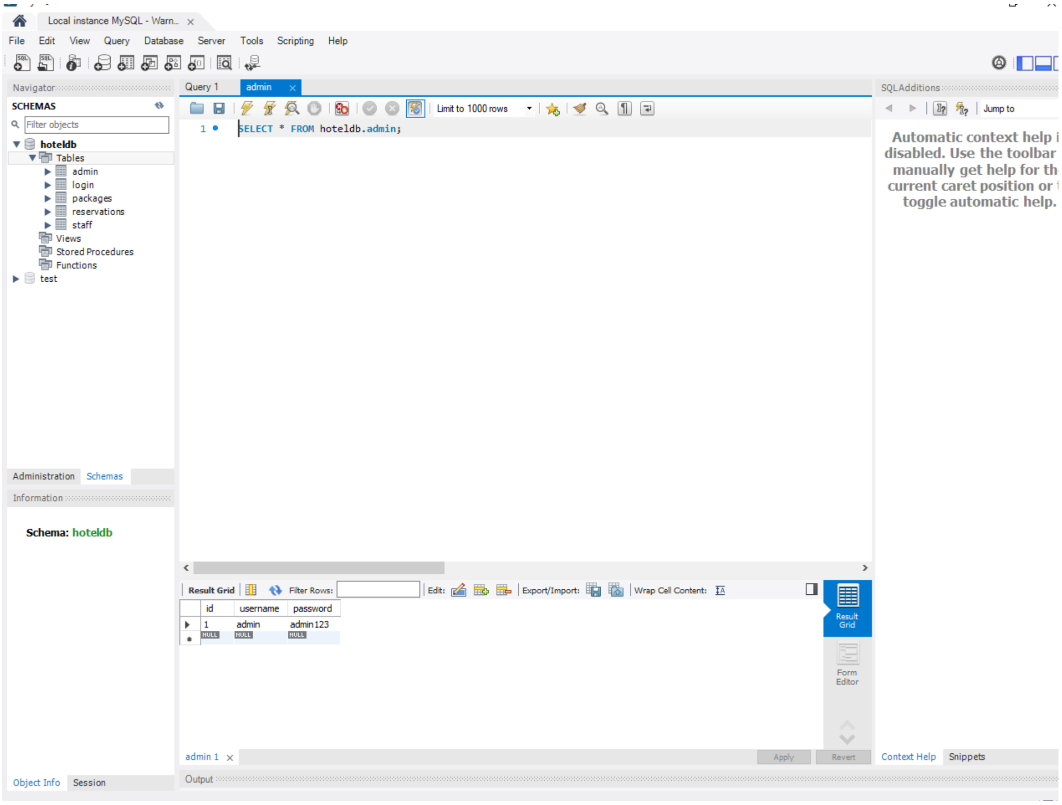
Figure 24 View packages expanded



```
    */
    public package_details() {
        initComponents();


        connect();
        txtview.setText( t: "\t\t * XYZ Hotel Package Details * \n");
        txtview.setText(txtview.getText()+"************************************************************************************************************ \n");
        txtview.setText(txtview.getText()+"Package ID:- "+id+"\n");
        txtview.setText(txtview.getText()+"Package Name:- "+name+"\n");
        txtview.setText(txtview.getText()+"Cost Per Person:- "+cost_per_person+"\n");
        txtview.setText(txtview.getText()+"Package Description:- "+description+"\n");
        txtview.setText(txtview.getText()+"Complementary:- "+complementary+"\n");
        txtview.setText(txtview.getText()+"************************************************************************************************************  \n");
        txtview.setText(txtview.getText()+"\t\t"+"                                        Thank You! ");






    }

    public void connect(){
        PreparedStatement pst;
        ResultSet rs;
        try{
            Class.forName( className: "com.mysql.cj.jdbc.Driver");
            java.sql.Connection con=DriverManager.getConnection( url: "jdbc:mysql://localhost:3306/hoteldb", user: "root", password: "admin123");
            pst=con.prepareStatement( sql: "select * from packages where id=?");
            pst.setString( parameterIndex: 1,  x: id);
            rs=pst.executeQuery();
            if(rs.next()){
                id=rs.getString( columnLabel: "id");
                name=rs.getString( columnLabel: "name");
                cost_per_person=rs.getString( columnLabel: "cost_per_person");
                description=rs.getString( columnLabel: "description");
                complementary=rs.getString( columnLabel: "complementary");

            }
        }catch (ClassNotFoundException | SQLException ex){
            Logger.getLogger( name: view_packages.class.getName()).log( level: Level.SEVERE,  msg: null,  thrown: ex);
        }
```

Figure 25 Package details source

Database Structure



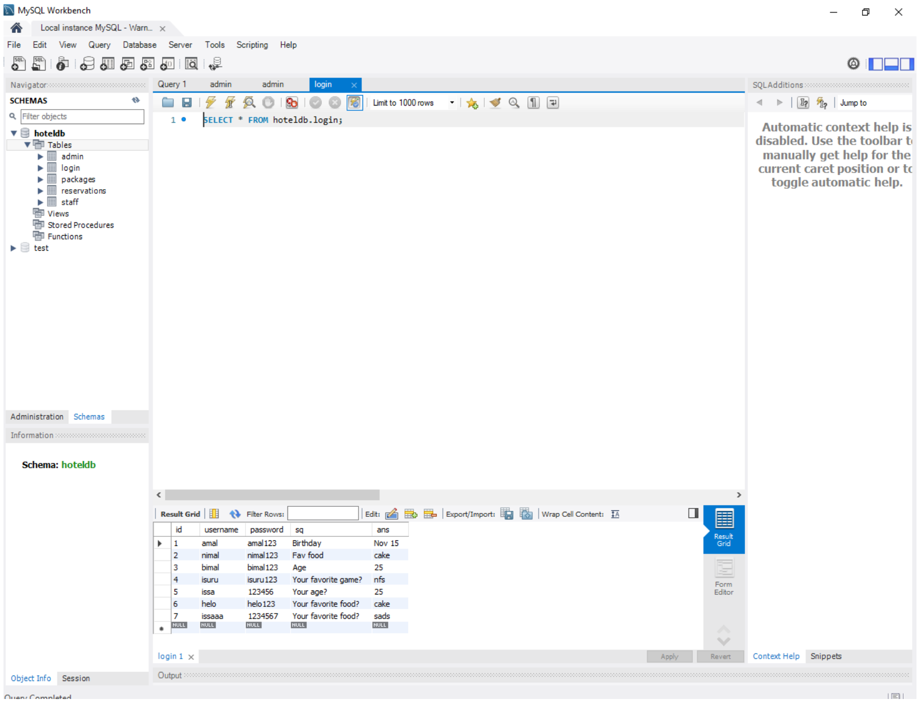
```
SELECT * FROM hoteldb.admin;
```

Automatic context help i disabled. Use the toolbar manually get help for th current caret position or toggle automatic help.

Schema: hoteldb

id	username	password
1	admin	admin123
NULL	NULL	NULL

Figure 26 admin table



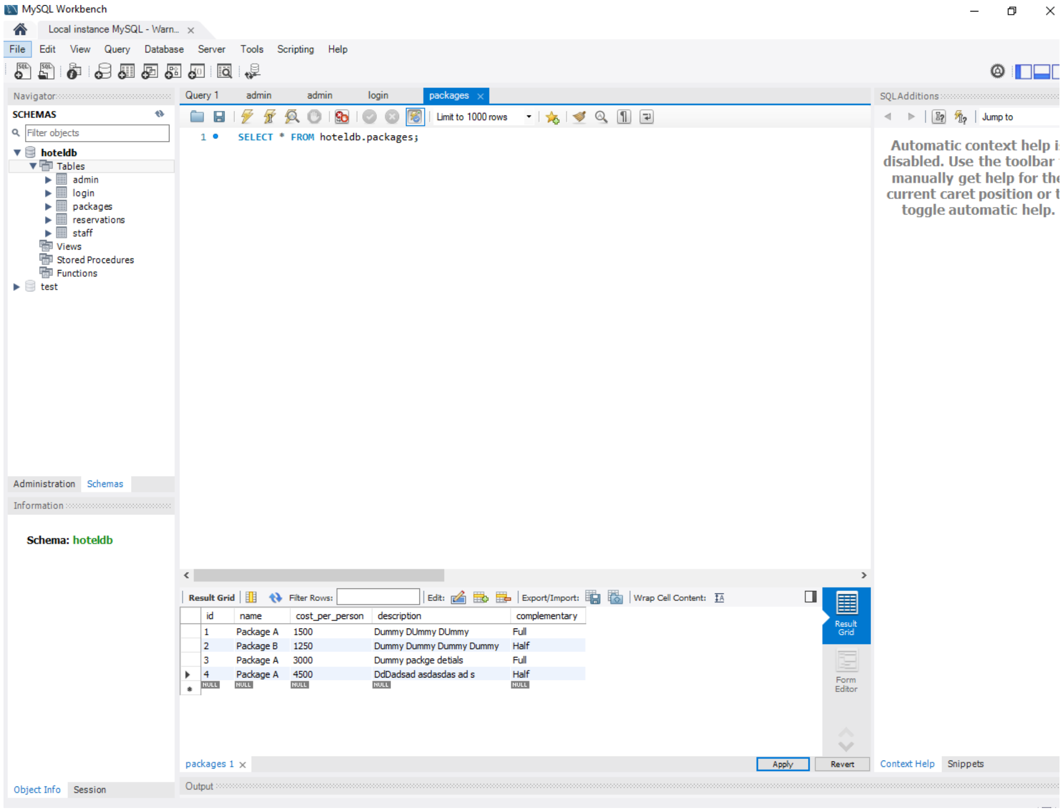
```
SELECT * FROM hoteldb.login;
```

Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or to toggle automatic help.

Schema: hoteldb

id	username	password	sq	ans
1	amal	amal123	Birthday	Nov 15
2	nimal	nimal123	Fav food	cake
3	bimal	bimal123	Age	25
4	isuru	isuru123	Your favorite game?	nfs
5	issa	123456	Your age?	25
6	helo	helo123	Your favorite food?	cake
7	issaaa	1234567	Your favorite food?	sads
NULL	NULL	NULL	NULL	NULL

Figure 27 User login table



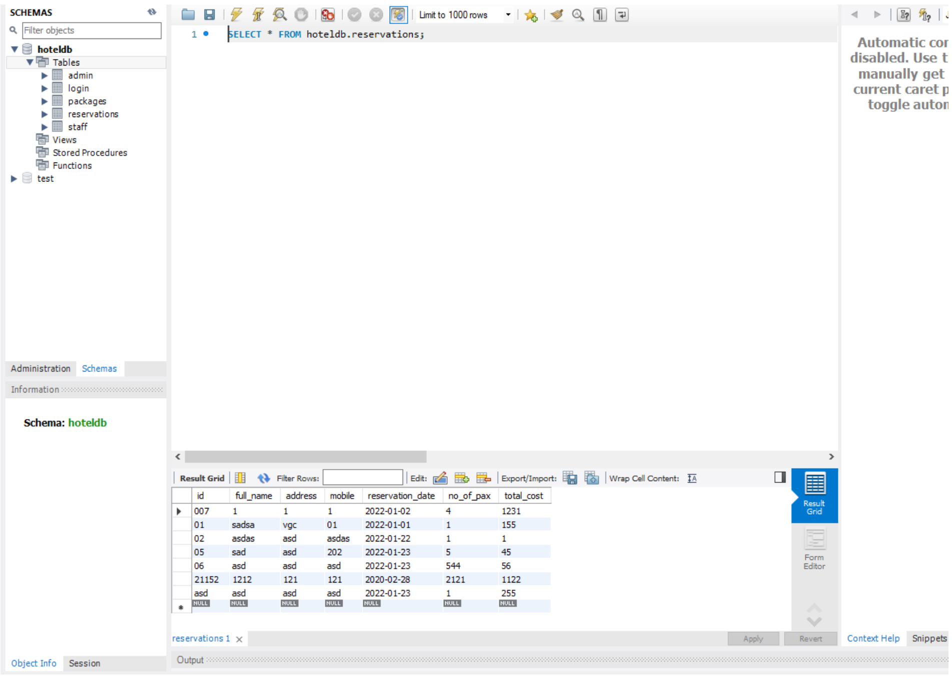
```
SELECT * FROM hoteldb.packages;
```

Automatic context help i
disabled. Use the toolbar
manually get help for the
current caret position or t
toggle automatic help.

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

id	name	cost_per_person	description	complementary
1	Package A	1500	Dummy DUmmy DUmmy	Full
2	Package B	1250	Dummy Dummy Dummy Dummy	Half
3	Package A	3000	Dummy packge detials	Full
4	Package A	4500	DdDadsad asdasdas ad s	Half
NULL	NULL	NULL	NULL	NULL

Figure 28 Packages database structure



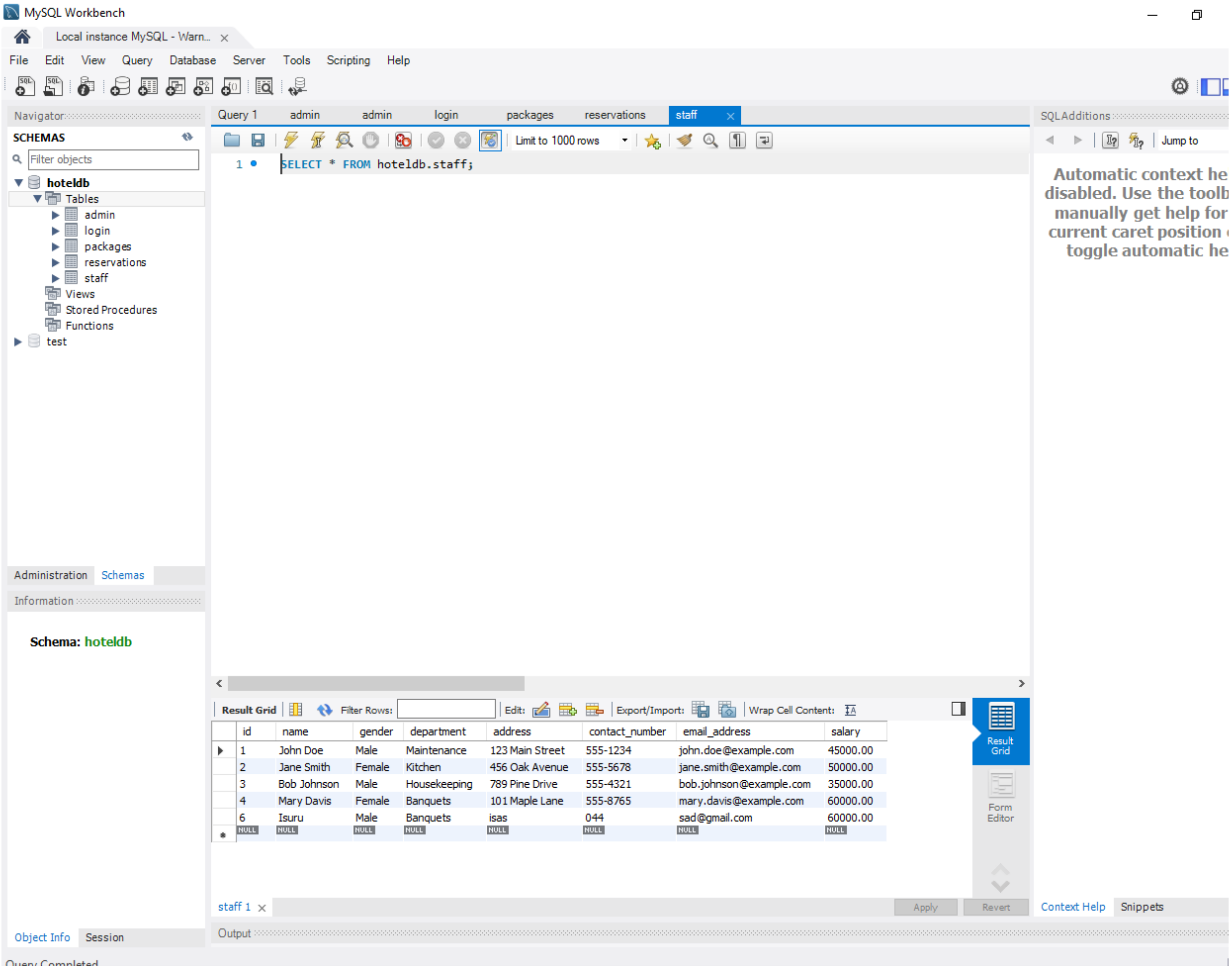
```
SELECT * FROM hoteldb.reservations;
```

Automatic cor
disabled. Use t
manually get
current caret p
toggle autor

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

id	full_name	address	mobile	reservation_date	no_of_pax	total_cost
007	1	1	1	2022-01-02	4	1231
01	sadsa	vgc	01	2022-01-01	1	155
02	asdas	asd	asdas	2022-01-22	1	1
05	sad	asd	202	2022-01-23	5	45
06	asd	asd	asd	2022-01-23	544	56
21152	1212	121	121	2020-02-28	2121	1122
asd	asd	asd	asd	2022-01-23	1	255
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Figure 29 reservations table



```
SELECT * FROM hoteldb.staff;
```

id	name	gender	department	address	contact_number	email_address	salary
1	John Doe	Male	Maintenance	123 Main Street	555-1234	john.doe@example.com	45000.00
2	Jane Smith	Female	Kitchen	456 Oak Avenue	555-5678	jane.smith@example.com	50000.00
3	Bob Johnson	Male	Housekeeping	789 Pine Drive	555-4321	bob.johnson@example.com	35000.00
4	Mary Davis	Female	Banquets	101 Maple Lane	555-8765	mary.davis@example.com	60000.00
6	Isuru	Male	Banquets	isas	044	sad@gmail.com	60000.00
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Figure 30 Staff database table