

### Need & Scope of the Project

This project has a wider scope in future and can be helpful to many. Since this project is made in java and mysql which makes this project wonder and innovative and helps in clearing the concept of java and mysql. This project also clears the relationship between java and mysql. This also shows how java and mysql are connected together in an application. This project can be needed in future for tour & travel and also this project can be helpful to tour which deal with their transaction online on a regular basis.

# JAVA



**Java** is a programming language originally developed by James Gosling at Sun Microsystems (which has since merged into Oracle Corporation) and released in 1995 as a core component of Sun Microsystems' Java platform. The language derives much of its syntax from [C](#) and C++, but it has fewer low-level facilities than either of them. Java applications are typically compiled to bytecode (class file) that can run on any Java virtual machine (JVM) regardless of computer architecture. Java is a general-purpose, concurrent, class-based, object-oriented language that is specifically designed to have as few implementation dependencies as possible. It is intended to let application developers "write once, run anywhere" (WORA), meaning that code that runs on one platform does not need to be recompiled to run on another. Java is as of 2012 one of the most popular programming languages in use, particularly for client-server web applications, with a reported 10 million user.

# MySql Tables :

## 1.Package Table:

```
mysql> desc package;
+-----+-----+-----+-----+-----+-----+
| Field | Type  | Null | Key  | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Title | varchar(40) | YES |   | NULL    |       |
| Image | varchar(40) | YES |   | NULL    |       |
| Info  | longtext | YES |   | NULL    |       |
| PAdult | decimal(10,0) | YES |   | NULL    |       |
| PCChild | decimal(10,0) | YES |   | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

## 2.Register Table:

```
mysql> desc register;
+-----+-----+-----+-----+-----+-----+
| Field | Type  | Null | Key  | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| FName | varchar(30) | YES |   | NULL    |       |
| LName | varchar(30) | YES |   | NULL    |       |
| Address | varchar(30) | YES |   | NULL    |       |
| Gender | varchar(30) | YES |   | NULL    |       |
| UserName | varchar(30) | YES |   | NULL    |       |
| Password | varchar(30) | YES |   | NULL    |       |
| SQuestion | varchar(30) | YES |   | NULL    |       |
| SAnswer | varchar(30) | YES |   | NULL    |       |
| Mobile | decimal(10,0) | YES |   | NULL    |       |
| EmailAddress | varchar(30) | YES |   | NULL    |       |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

### 3.Temp Table:

```
mysql> desc temp;
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| Uname | varchar(30) | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

### 4.Temp2 Table:

```
mysql> desc temp2;
+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| Pname | varchar(30) | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```



### Main Page Form Code

Admin Button:-

```
private void
AdminButtonActionPerformed(java.awt.event.ActionEvent evt) {
// Adminform
Admin a=new Admin()
dispose();
a.show();
}
```

#### Register Button:-

```
private void
RegisterButtonActionPerformed(java.awt.event.ActionEvent evt) {
// Registration Form
Registration a=new Registration();
dispose();
a.show();
}
```

#### Book Tickets Button:-

```
private void
BookTicketsButtonActionPerformed(java.awt.event.ActionEvent evt)
{
// TicketsForm
tickets a=new tickets();
```

```
    dispose();  
  
    a.show();  
  
}
```

### Update Booking Button:-

```
private void  
UpdateBookingButtonActionPerformed(java.awt.event.ActionEvent  
evt) {  
  
    // UserSign Form  
  
    UserSign a=new UserSign();  
  
    dispose();  
  
    a.show();  
  
}
```

### Admin Login form Design



## Admin Login form Code

Imports:-

```
import javax.swing.JOptionPane;
```

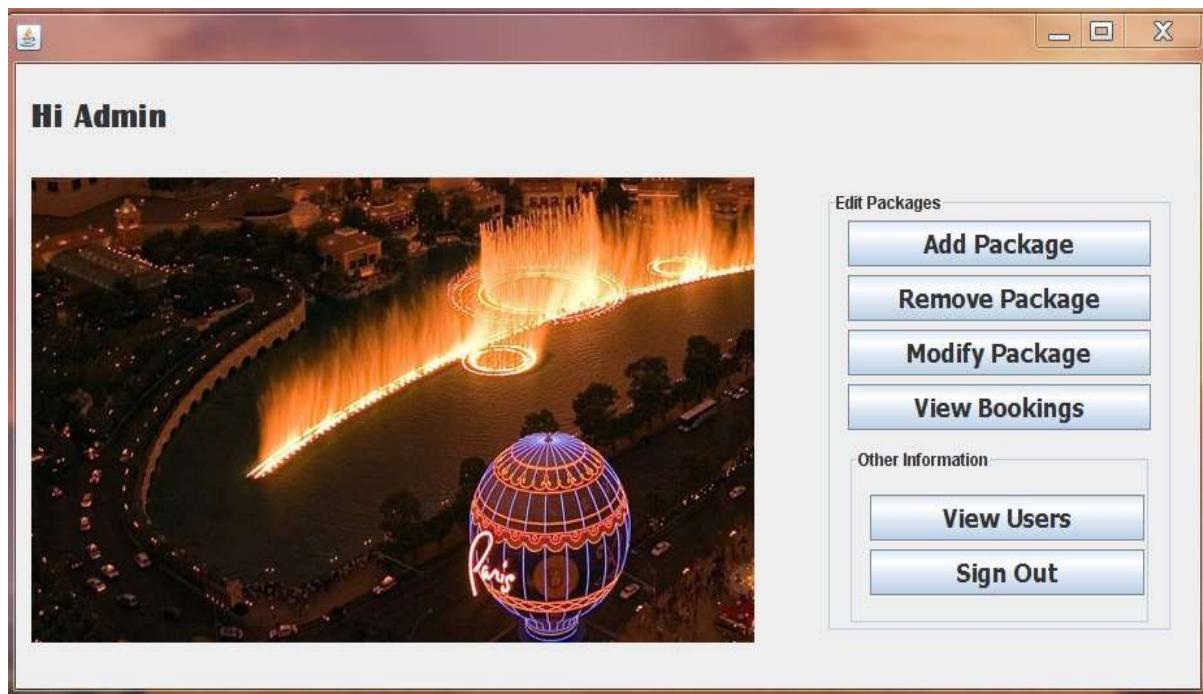
**SignIn Button:-**

```
private void  
SignInButtonActionPerformed(java.awt.event.ActionEvent evt) {  
  
    // Id And Password Validation Code  
  
    String s=jTextField1.getText();  
    String d=jPasswordField1.getText().toString();  
    if(s.equals("Hallmark") && d.equals("abc"))  
    {  
        JOptionPane.showMessageDialog(null,"Logged In  
Successfully");  
        Adminform a=new Adminform();  
        dispose();  
        a.show();  
    }  
    else  
    {  
        JOptionPane.showMessageDialog(null,"Incorrect Username Or  
PassWord","Hallmark Tours &  
Travels",JOptionPane.ERROR_MESSAGE);  
    }  
}
```

**Back Button:-**

```
private void  
BackButtonActionPerformed(java.awt.event.ActionEvent evt) {  
// Back To Main Form  
Main a=new Main();  
dispose();  
a.show();  
}  
}
```

## Admin Form Design



### Admin Form Code

```
private void formWindowOpened(java.awt.event.WindowEvent evt)
{
```

```
// Code for Label Show 'Hi' Message  
jLabel1.setText("Hi Admin");  
}
```

Add Package Button:-

```
private void  
AddPackageButtonActionPerformed(java.awt.event.ActionEvent evt)  
{  
    // AddPackage Form  
    AddPackage a=new AddPackage();  
    dispose();  
    a.show();  
}
```

Remove Package Button:-

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

```
// Remove Package Form  
  
removePackage b=new removePackage();  
  
dispose();  
  
b.show();  
  
}  

```

#### Modify Package Button:-

```
private void  
ModifyPackageButtonActionPerformed(java.awt.event.ActionEvent  
evt) {  
  
// Modify Package Form  
  
ModifyPackage a=new ModifyPackage();  
  
dispose();  
  
a.show();  
  
}
```

#### View Booking Button:-

```
private void  
ViewBookingButtonActionPerformed(java.awt.event.ActionEvent  
evt) {  
  
// View User Booking Form
```

```
viewbooking a=new viewbooking();
dispose();
a.show();
}
```

### **View User Booking:**

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

    // View User Form

    ViewUser a=new ViewUser();
    dispose();
    a.show();
}

}
```

### **Sign Out Button:-**

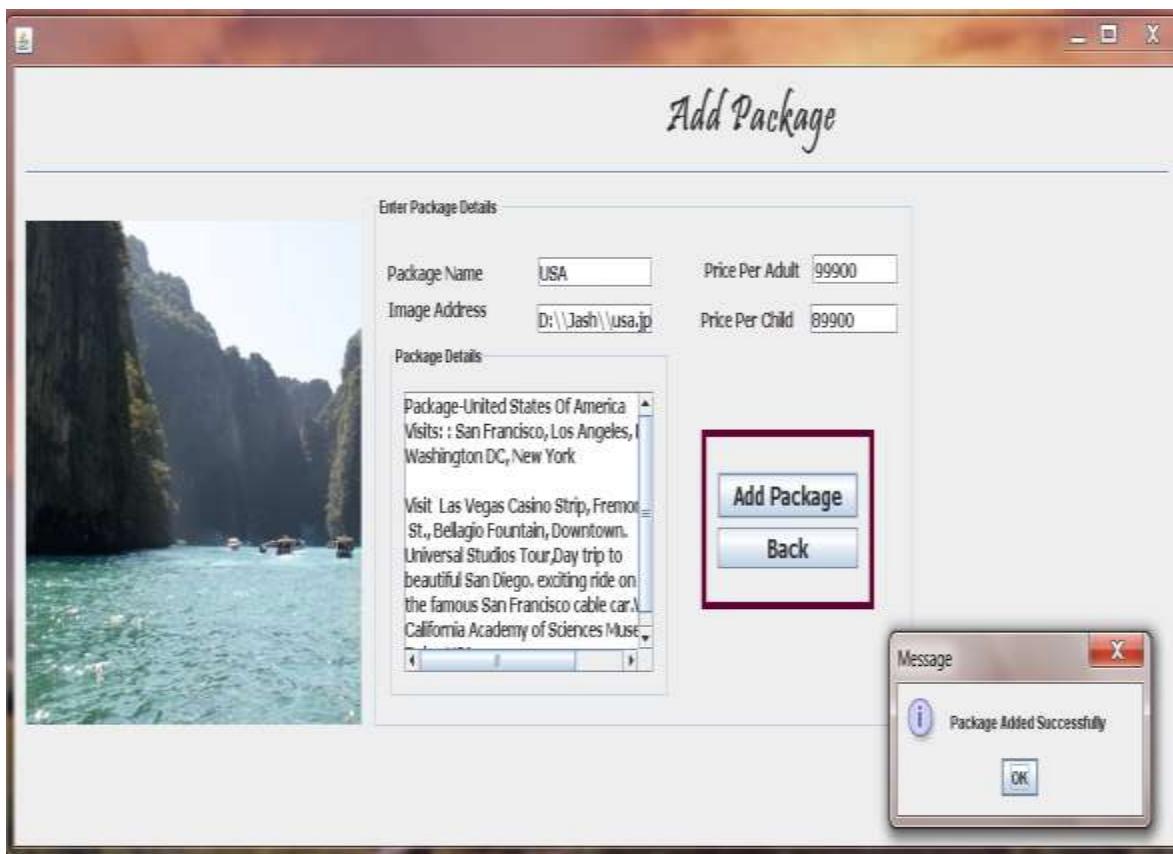
```
private void
SignOutButtonActionPerformed(java.awt.event.ActionEvent evt) {

    // Main Form Form

    Main a=new Main();
    dispose();
    a.show();
}

}
```

## Add Package Form Design



## Add Package Form Code

Imports:-

```
import java.sql.*;
import javax.swing.JOptionPane;
import javax.swing.ImageIcon;
Connection con;
Statement st;
ResultSet rs;
String query;

private void formWindowOpened(java.awt.event.WindowEvent evt) {
    // Connection Code
    try{
        Class.forName("com.mysql.jdbc.Driver");
        con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tours","root","");
        st=con.createStatement();
        rs=st.executeQuery("Select * from package;");
    }
    catch(Exception e){
        System.out.print(e.toString());
    }
}
```

Add Button:-

```
private void
AddPackageButtonActionPerformed(java.awt.event.ActionEvent evt)
{
    // Insert Package Code

    try{

        query="Insert into package
values('"+jTextField1.getText()+"','"+jTextField2.getText()+"','"+jTextArea1.getText()+"','"+adult.getText()+"','"+child.getText()+"');"

        st.executeUpdate(query);

        JOptionPane.showMessageDialog(null,"Package Added
Successfully");

    }

    catch(Exception e){

        System.out.print(e.toString());

    }
}
```

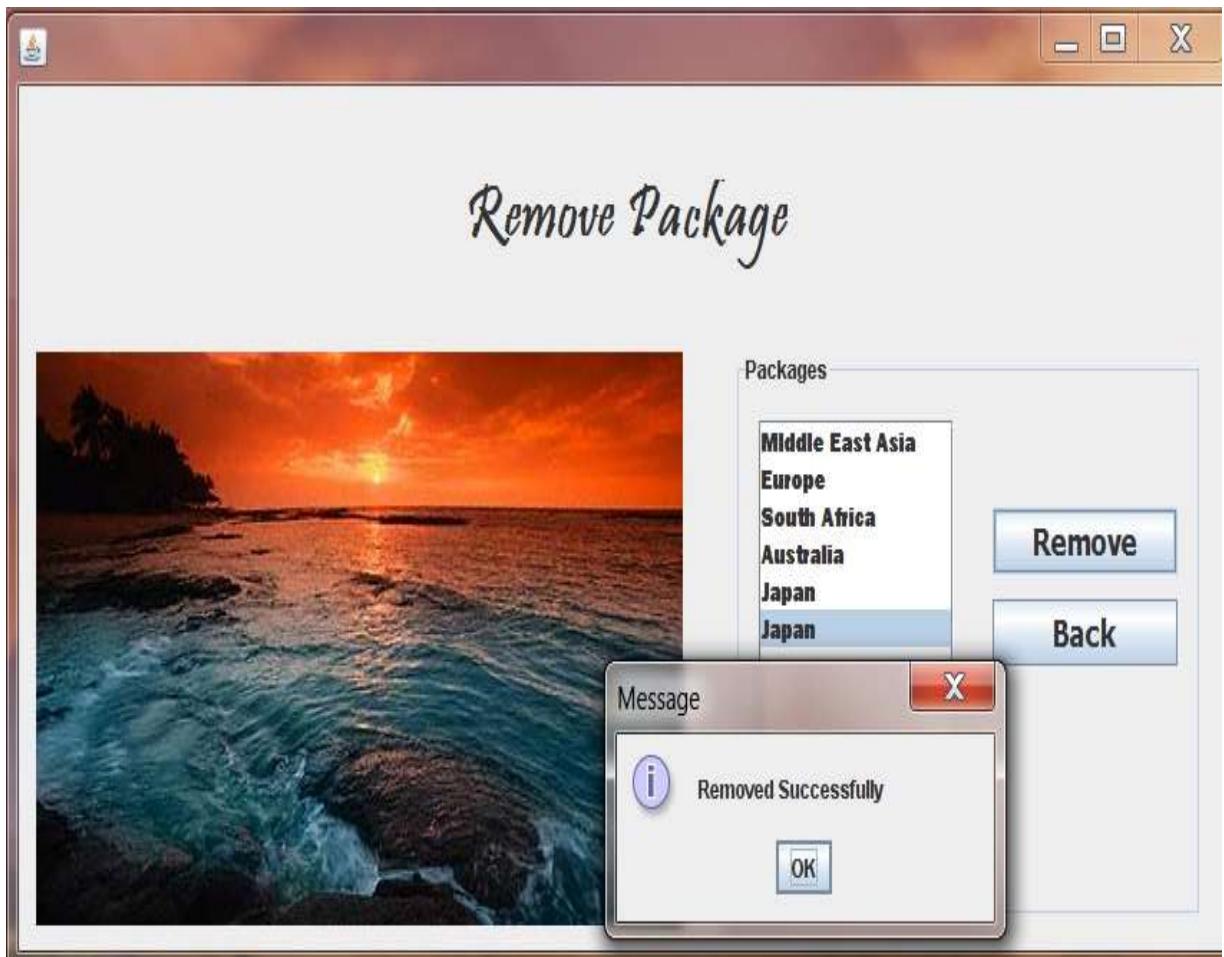
Back Button:-

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent
evt) {

    // Back To AdminForm
```

```
Admininform a=new Admininform();  
dispose();  
a.show();  
}
```

### Remove Package Form Design



### Remove Package Form Code

Imports:-

```
import java.sql.*;
import javax.swing.DefaultListModel;
import javax.swing.JOptionPane;
Connection con;
Statement st;
ResultSet rs;
String query;
private void formWindowOpened(java.awt.event.WindowEvent evt)
{
    // Connection Code & Add Item In List
    try{
        DefaultListModel d=(DefaultListModel)jList1.getModel();
        Class.forName("com.mysql.jdbc.Driver");
        con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tours","root","");
        st=con.createStatement();
        rs=st.executeQuery("Select * from package;");
        while(rs.next()){
            d.addElement(rs.getString(1));
        }
    }
    catch(Exception e){
        System.out.print(e.toString());
    }
}
```

```
    }
}
```

### Remove Button:-

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

    // Delete Package Code

    try{

query="delete from package where
title='"+jList1.getSelectedValue()+"';

st.executeUpdate(query);

JOptionPane.showMessageDialog(null,"Removed
Successfully");

    }

    catch(Exception e)

    {

        System.out.print(e.toString());

    }

}
```

### Back Button:-

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent
evt) {

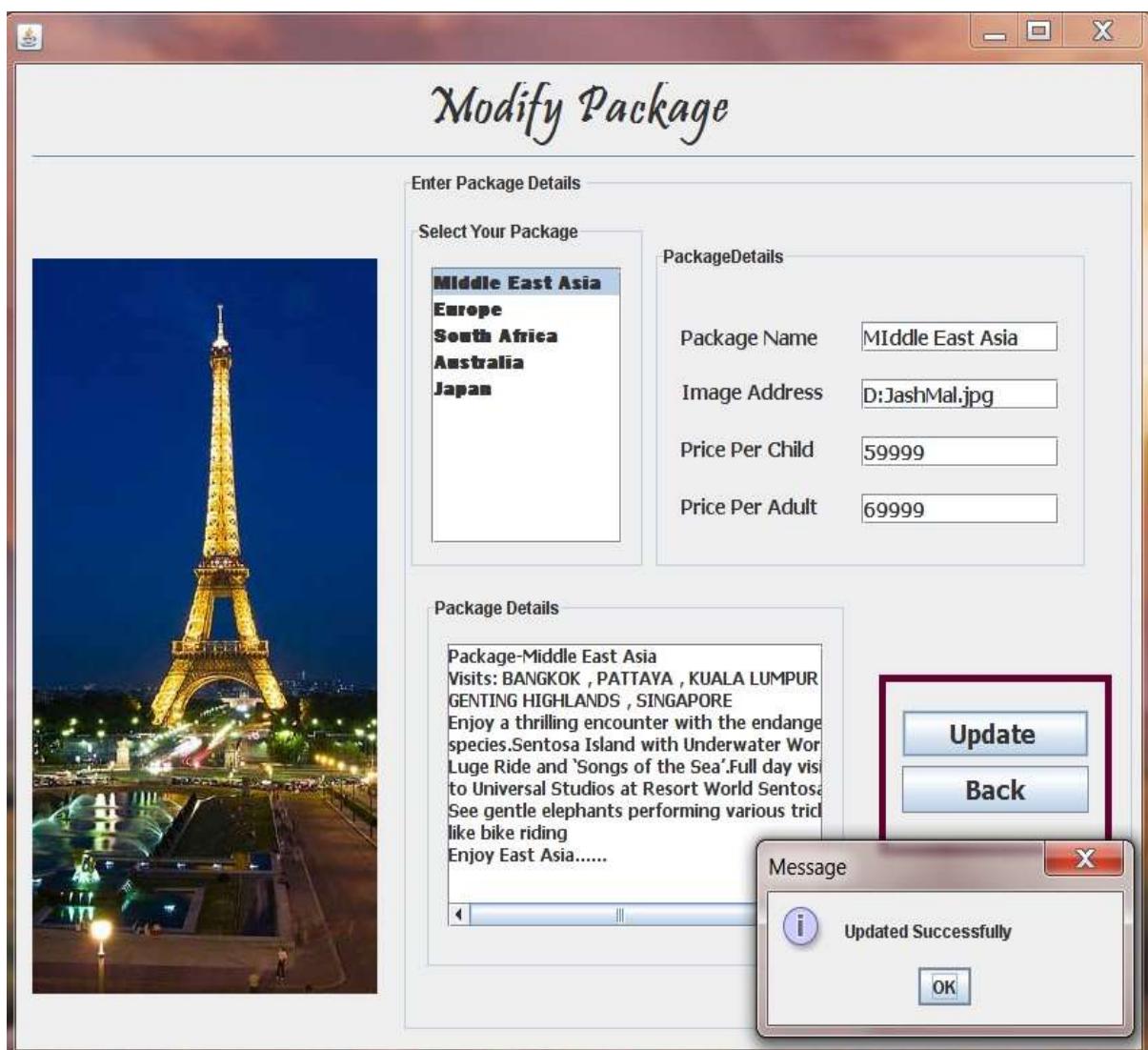
    // AdminForm

    Admininform a=new Admininform();
```

```
        dispose();  
  
        a.show();  
  
    }  

```

## Modify Package Form Design



## Modify Package Form Code

Imports:-

```
import java.sql.*;  
  
import javax.swing.DefaultListModel;  
  
import javax.swing.JOptionPane;  
  
Connection con;  
  
Statement st;  
  
ResultSet rs;  
  
String query;  
  
private void formWindowOpened(java.awt.event.WindowEvent evt)  
{  
  
    // Connection Code && Adding Package In List Code  
  
    try{  
  
        DefaultListModel d=(DefaultListModel)jList1.getModel();  
  
        Class.forName("com.mysql.jdbc.Driver");  
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tour  
s","root","");
        st=con.createStatement();
        rs=st.executeQuery("Select * from package;");
    }
}
```

```
        while(rs.next()){

            d.addElement(rs.getString(1));

        }

    }

    catch(Exception e){

        System.out.print(e.toString());

    }

}

private void

jList1ValueChanged(javax.swing.event.ListSelectionEvent evt) {

    // Retrieve Data from Table

    String s=(String) jList1.getSelectedValue();

    try{

        rs=st.executeQuery("Select * from package where Title='"+s+"';");

        while(rs.next()){

            jTextField1.setText(rs.getString(1));

            jTextField2.setText(rs.getString(2));

            jTextFieldArea1.setText(rs.getString(3));

            child.setText(rs.getString(5));

            adult.setText(rs.getString(4));

        }

    }

}
```

```
        catch(Exception e){  
            System.out.print(e.toString());  
        }  
    }  
}
```

### Update Button:-

```
private void  
UpdateButtonActionPerformed(java.awt.event.ActionEvent evt) {  
    // Update Code  
    try{  
        String s=(String) jList1.getSelectedValue();  
        query="update package set  
image='"+jTextField2.getText()+"',info='"+jTextArea1.getText()+"',PAd  
ult='"+adult.getText()+"',PChild='"+child.getText()+"' where  
title='"+s+"';";  
        st.executeUpdate(query);  
        JOptionPane.showMessageDialog(null,"Updated Successfully");  
    }  
    catch(Exception e){  
        System.out.print(e.toString());  
    }  
}
```

### Back Button

```
private void  
BackButtonActionPerformed(java.awt.event.ActionEvent evt) {  
  
    // AdminForm  
  
    Admininform a=new Admininform();  
  
    dispose();  
  
    a.show();  
  
}
```

### **View Booking Form Design**



**View Booking Form Code**

**Imports:**

```
import javax.swing.table.DefaultTableModel;
import java.sql.*;
Connection con;
Statement st;
ResultSet rs;
String query;

private void formWindowOpened(java.awt.event.WindowEvent evt)
{
    // Connection Code && Adding Rows in Table
    DefaultTableModel
model1=(DefaultTableModel)jTable1.getModel();
try{
    Class.forName("com.mysql.jdbc.Driver");
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tour
s","root","");
st=con.createStatement();
rs=st.executeQuery("Select * from booking;");
while(rs.next()){
model1.addRow(new
Object[]{rs.getString(1),rs.getString(4),rs.getString(2),rs.getString(3
),rs.getString(5)} );
}
}
```

```
        catch(Exception e){  
            System.out.print(e.toString());  
        }  
    }  
}
```

### Back Button:-

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    // Admin Form  
  
    Adminform a=new Adminform();  
    dispose();  
    a.show();  
}  
}
```

## View Users Form Design

 View Users

[Back](#)

FName	LName	Address	Gender	Mobile	EmailAddress
Kuldeep	Rana	Surat	Male	9563248123	kuldeep_rana@g...
Anish	Patel	Surat	Male	98764554	anish_patel@gm...
Harshil	Patel	Bardoli	Male	9895678	harshil_patel@g...

## View Users Form Code

Import:

```
import java.sql.*;  
  
import javax.swing.table.*;  
  
Connection con;  
  
Statement st;  
  
ResultSet rs;  
  
String query;  
  
private void formWindowOpened(java.awt.event.WindowEvent evt)  
{  
  
    // Connection Code && Adding Rows in Table  
  
    DefaultTableModel  
    model1=(DefaultTableModel)jTable1.getModel();  
  
    try{  
  
        Class.forName("com.mysql.jdbc.Driver");  
  
        con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tour  
s","root","");
  
        st=con.createStatement();
  
        rs=st.executeQuery("Select * from register;");
  
        while(rs.next()){
  
            model1.addRow(new
  
Object[]{rs.getString(1),rs.getString(2),rs.getString(3),rs.getString(4)
,rs.getString(9),rs.getString(10)});
```

```
        }

    }

    catch(Exception e){
        System.out.print(e.toString());
    }
}
```

### Back Button:-

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // Admin Form
    Admininform a=new Admininform();
    dispose();
    a.show();
}
```

## Register Form Design



Personal Details

<b>First Name</b>	Jash
<b>Last Name</b>	Patel
<b>Address</b>	Surat
<b>Gender</b>	<input checked="" type="radio"/> Male <input type="radio"/> Female

Login info

<b>Username</b>	jash13	Available
<b>Password</b>	*****	
<b>Security Question</b>	petname	
<b>Security Answer</b>	tommy	

Contact Details

<b>Mobile</b>	9913592026
<b>E-mail Address</b>	jtel13@yahoo.com

**Register**    **Back**

**Message**

**i** Registered Successfully

**OK**

## Register Form Code

Imports:

```
import java.sql.*;  
import javax.swing.JOptionPane;
```

Objects:

```
Connection con;
```

```
Statement st;
```

```
ResultSet rs;
```

```
String query;
```

```
private void formWindowOpened(java.awt.event.WindowEvent evt)  
{
```

```
    // ConnectionCode
```

```
    try{
```

```
        Class.forName("com.mysql.jdbc.Driver");  
        con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tour  
s","root","");
    
```

```
    st=con.createStatement();
```

```
    rs=st.executeQuery("Select * from register;");
```

```
}
```

```
    catch(Exception e){
```

```
        System.out.print(e.toString());
```

```
}
```

```
}
```

### Register Button:-

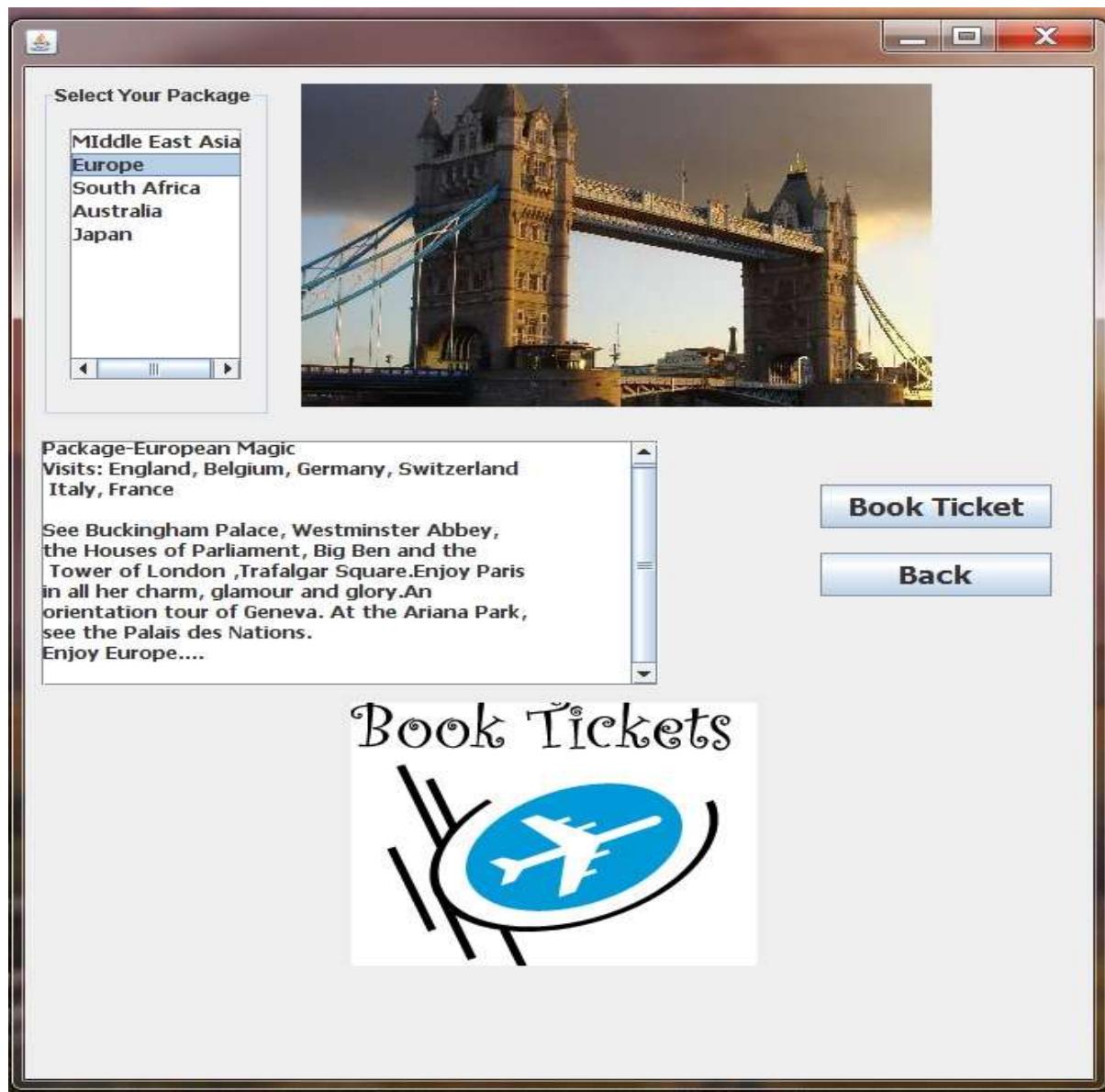
```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    // Inserting Registered Users Code  
  
    String s;  
  
    if(jRadioButton1.isSelected()==true)  
  
    {  
        s="Male";  
  
    }  
  
    else  
  
        s="Female";  
  
    try{  
  
        query="Insert into register  
values('"+jTextField1.getText()+"','"+ jTextField2.getText()+"','"+ jTextField1  
d3.getText()+"','"+s+"','"+ jTextField4.getText()+"','"+ jTextField1.get  
Text().toString()+"','"+ jTextField5.getText()+"','"+ jTextField6.getText  
()+"','"+ jTextField7.getText()+"','"+ jTextField8.getText()+"');  
  
        st.executeUpdate(query);  
  
        JOptionPane.showMessageDialog(null,"Registered Successfully");  
  
    }  
  
    catch(Exception e){  
  
        System.out.print(e.toString());  
  
    }  
}
```

```
}
```

### Back Button

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
    // MainForm  
    Main a=new Main();  
    dispose();  
    a.show();  
}
```

### Book Tickets Form Design



## Book Tickets Form Code

Imports:

```
import java.sql.*;  
  
import javax.swing.ImageIcon;  
  
import javax.swing.DefaultListModel;
```

```
Connection con;  
Statement st;  
ResultSet rs;  
String query;  
  
private void formWindowOpened(java.awt.event.WindowEvent evt)  
{  
// Connection Code && Adding Package In List  
  
    try{  
        DefaultListModel d=(DefaultListModel)jList1.getModel();  
        Class.forName("com.mysql.jdbc.Driver");  
        con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tour  
s","root","");
        st=con.createStatement();
        rs=st.executeQuery("Select * from package;");
        while(rs.next()){
            d.addElement(rs.getString(1));
        }
    }  
    catch(Exception e){  
        System.out.print(e.toString());
    }
}
```

```

private void
jList1ValueChanged(javax.swing.event.ListSelectionEvent evt) {

    // Setting Image And Desc In TextArea

    String a=jList1.getSelectedValue().toString();

    try{

        rs=st.executeQuery("Select * from package where
title='"+jList1.getSelectedValue()+"';");

        if(rs.next()){

            jTextArea1.setText(rs.getString(3));

            jLabel1.setIcon(new ImageIcon(""+rs.getString(2)));

        }

    }

    catch(Exception e){

        System.out.print(e.toString());

    }

}

```

### Book Tickets Button:

```

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

    // Inserting into Temporary Table && Book Form

    try{

        String a=(String) jList1.getSelectedValue();

        query="Insert into temp2 values('"+a+"');";

    }

```

```
        st.executeUpdate(query);

    }

    catch(Exception e){
System.out.print(e.toString());

    }

    book a=new book();

    dispose();

    a.show();

}

}
```

### Back Button:-

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

    // Main Form

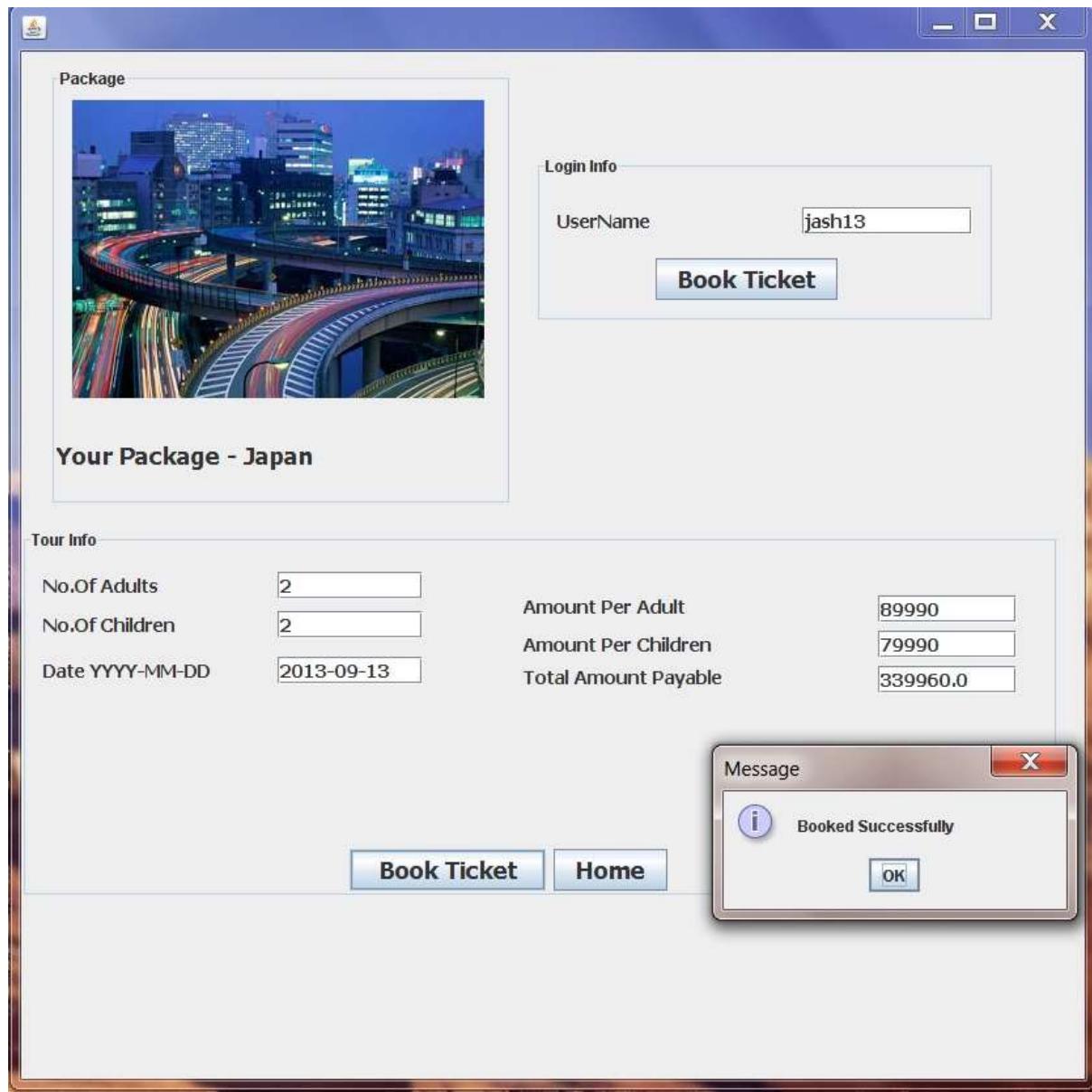
    Main a=new Main();

    dispose();

    a.show();

}
```

## **Booking Form Design**



## Booking Form Code

Imports:-

```
import java.sql.*;
```

```
import javax.swing.ImageIcon;
import javax.swing.JOptionPane;
Connection con;
Statement st;
ResultSet rs;
ResultSet rsl;
String query;
Global Variables:
// Global Variables
int b;int c; double tot;
private void formWindowOpened(java.awt.event.WindowEvent evt)
{
    // Connection Code && Setting Image In Label
    jPanel3.setVisible(false);
    try{
        String s = null;
        Class.forName("com.mysql.jdbc.Driver");
        con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tour
s","root","");
        st=con.createStatement();
        rs=st.executeQuery("Select * from temp2;");
        while(rs.next()){
            s=rs.getString(1);
```

```

        }

        rsl=st.executeQuery("Select * from package where title =
        "'"+s+"'");
    }

    while(rsl.next()){
        String a=rsl.getString(1);
        adu.setText(rsl.getString(4));
        chi.setText(rsl.getString(5));
        img.setIcon(new ImageIcon(""+rsl.getString(2)));
        jLabel7.setText("Your Package" + " - " + a);
    }

}

catch(Exception e){
    System.out.print(e.toString());
}
}

```

#### Book Ticket Button:-

```

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

    // Userid Validation Code

    String s=jTextField1.getText();

    try{
        query="Select * from register where username='"+s+"'";
        rs=st.executeQuery(query);
    }
}

```

```
if(rs.next())  
{  
    jPanel3.setVisible(true);  
}  
  
else {  
    b=JOptionPane.showConfirmDialog(null,"Invalid Id Or"+  
Registration Required""+ Click on Yes to Register If not a  
Member");  
  
    if(b== JOptionPane.YES_OPTION){  
        Registration w=new Registration();  
        dispose();  
        w.show();  
    }  
}  
}  
}  
  
}  
  
catch(Exception e){  
    System.out.println(e);  
}
```

## **Book Ticket:-**

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
    // Calculation & Booking Code  
  
    String s=null;  
  
    b=Integer.parseInt(child.getText());  
  
    c=Integer.parseInt(adult.getText());  
  
    String d=jTextField1.getText();  
  
    double ch=0;double ad=0;  
  
    int x=Integer.parseInt(chi.getText());  
  
    int y=Integer.parseInt(adu.getText());  
  
    b=Integer.parseInt(child.getText());  
  
    c=Integer.parseInt(adult.getText());  
  
    if(b<0)  
    {  
        JOptionPane.showMessageDialog(null,"Error  
Negative Value Invalid");  
    }  
  
    if(c<0)  
    {  
        JOptionPane.showMessageDialog(null,"Error  
Negative Value Invalid");  
    }  
  
    ch=x*b;  
  
    ad=y*c;  
  
    tot=ch+ad;
```

```

amt.setText(""+tot);

try{

    rs=st.executeQuery("Select * from temp2");

    while(rs.next()){

        s=rs.getString(1);

    }

    query="Insert into booking
values('"+s+"','"+b."','".$c."','".$d."','".$date.getText()+"','"+tot+"');";

    st.executeUpdate(query);

JOptionPane.showMessageDialog(null,"Booked Successfully");

    st.executeUpdate("delete from temp2");

}

catch(Exception e){

    System.out.print(e.toString());

}

}

```

**Home Button:-**

```

private void jButton4ActionPerformed(java.awt.event.ActionEvent
evt) {

    // Main Form

    Main a=new Main();

    dispose();

    a.show();

```

## Users Login Form Design



## Users Login Form Code

Imports:

```
import java.sql.*;  
  
import javax.swing.JOptionPane;  
  
Connection con;  
  
Statement st;  
  
ResultSet rs;  
  
String query;  
  
private void formWindowOpened(java.awt.event.WindowEvent  
evt) {  
  
//Connection Code  
  
try{  
  
    Class.forName("com.mysql.jdbc.Driver");  
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tour  
s","root","");
  
st=con.createStatement();  
}  
  
catch(Exception e){  
  
System.out.print(e.toString());  
}  
}
```

Sign In Button:

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {  
    //User Validation Code  
  
    String a;  
  
    a=jTextField1.getText();int b = 0;  
  
    try{  
  
        rs=st.executeQuery("Select * from register where  
        UserName='"+a+"'");  
  
        if(rs.next()){  
  
            query="Insert into temp values('"+a+"');"  
  
            st.executeUpdate(query);  
  
            Users w=new Users();  
  
            dispose();  
  
            w.show();  
  
        }  
  
        else {  
  
            b=JOptionPane.showConfirmDialog(null,"Invalid Id Or"  
            "Registration Required"+ " Click on Yes to Register If not a  
            Member");  
  
            if(b== JOptionPane.YES_OPTION) {  
  
                Registration w=new Registration();  
  
                dispose();  
            }  
        }  
    }  
}
```

```
w.show();

}

}

}

catch(Exception e){
System.out.print(e.toString());
}

}
```

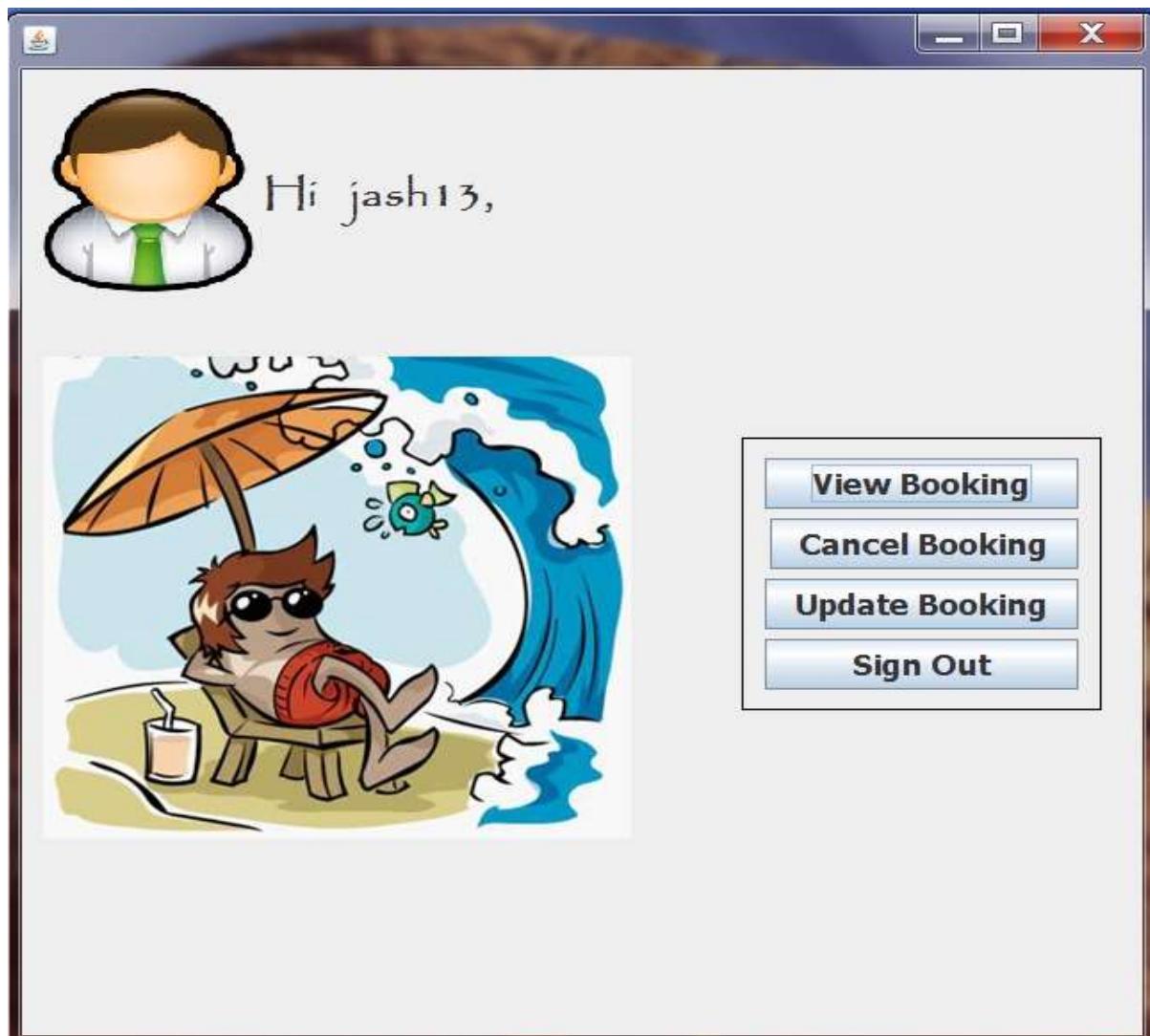
### Back Button:

```
private void
jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
// Main Form

Main a=new Main();
dispose();
a.show();

}
```

### Users Form Design



## Users Form Code

View Booking Button:

```
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
```

```
// UserViewBook Form  
  
UserViewBook l=new UserViewBook();  
  
dispose();  
  
l.show();  
  
}  

```

#### Cancel Booking Button:

```
private void jButton3ActionPerformed(java.awt.event.ActionEvent  
evt) {  
  
    // CancelBooking Form  
  
    CancelBooking q=new CancelBooking();  
  
    dispose();  
  
    q.show();  
  
}
```

#### Update Booking:

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent  
evt) {  
  
    //Update Booking Form  
  
    UpdateBook e=new UpdateBook();  
  
    dispose();  
  
    e.show();  

```

```
}
```

### Sign Out Button:

```
private void  
jButton5ActionPerformed(java.awt.event.ActionEvent evt) {  
  
    // Signout Form && Deletion from temperory table  
  
    try{  
  
        st.executeUpdate("delete from temp;");  
  
        UserSign z=new UserSign();  
  
        dispose();  
  
        z.show();  
  
    }  
  
    catch(Exception e){  
  
        System.out.print(e.toString());  
  
    }  
}
```

## User View Booking Form Design

The screenshot shows a Windows application window with a title bar containing the text "User View Booking Form Design". The main content area displays a greeting "Hi jash13," and a "Back" button. Below this, a section titled "Bookings" contains a table with the following data:

Package	NoOfChild	NoOfAdult	Date	Amount
Europe	0	2	2012-12-12	399998
Japan	2	2	2013-09-13	339960
South Africa	1	2	2013-12-10	699997

## User View Booking Form Code

Imports

```
import java.sql.*;  
import javax.swing.table.DefaultTableModel;  
  
Connection con;  
  
Statement st;  
  
ResultSet rs;  
  
ResultSet rsl;  
  
String query;  
  
private void formWindowOpened(java.awt.event.WindowEvent evt)  
{  
  
    // Adding Booking Information In Table & Connection Code  
  
    DefaultTableModel  
model=(DefaultTableModel)jTable1.getModel();
```

```

Try {

    String s = null;

    Class.forName("com.mysql.jdbc.Driver");
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tour
s","root","");
    st=con.createStatement();

    rs=st.executeQuery("Select * from temp;");

    while(rs.next()){

        s=rs.getString(1);

        jLabel1.setText("Hi"+ " "+s+",");

    }

    rsl=st.executeQuery("Select * from booking where Username
= '"+s+"');

    while(rsl.next()){

model1.addRow(new
Object[]{rsl.getString(1),rsl.getString(2),rsl.getString(3),rsl.getString
(5),rsl.getString(6)});

    }

}

catch(Exception e){

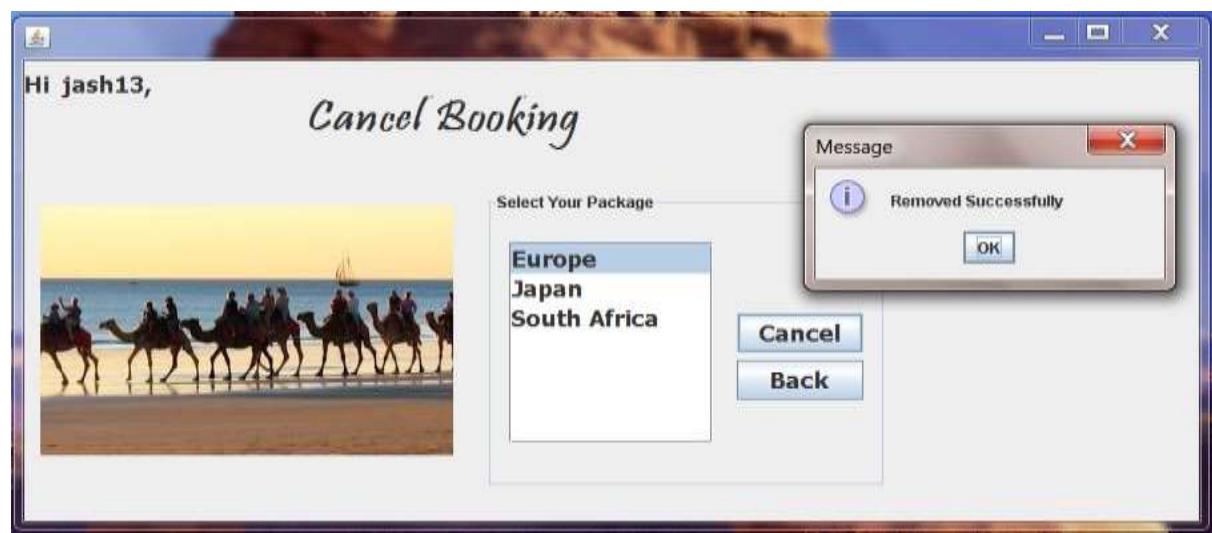
    System.out.print(e.toString());
}
}

```

**Back Button:**

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    // User Form  
  
    Users a=new Users();  
  
    dispose();  
  
    a.show();  
}
```

## Cancel Booking Form Design



## Cancel Booking Form Code

Imports:

```
import java.sql.*;  
import javax.swing.DefaultListModel;  
import javax.swing.JOptionPane;  
  
Connection con;  
  
Statement st;  
  
ResultSet rs;  
  
ResultSet rsl;  
  
String query;  
  
private void formWindowOpened(java.awt.event.WindowEvent evt)  
{  
  
    // Connection Code && Adding Items In List Code  
  
    try{  
  
        String s = null;  
  
        DefaultListModel d=(DefaultListModel)jList1.getModel();  
        Class.forName("com.mysql.jdbc.Driver");  
        con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tour  
s","root","");
  
        st=con.createStatement();
  
        rsl=st.executeQuery("Select * from temp;");
  
        while(rsl.next()){


```

```

        s=rs1.getString(1);

        jLabel1.setText("Hi"+ " "+s+",");

    }

    rs=st.executeQuery("Select Pname from booking where
Username='"+s+"';");

    while(rs.next()){

d.addElement(rs.getString(1));

    }

}

catch(Exception e){

    System.out.print(e.toString());

}

}

```

Cancel Button:

```

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

    // Delete Booking Code

    try{

        query="delete from booking where
Pname='"+jList1.getSelectedValue()+"';

        st.executeUpdate(query);

JOptionPane.showMessageDialog(null,"Removed Successfully");

    } catch(Exception e) {

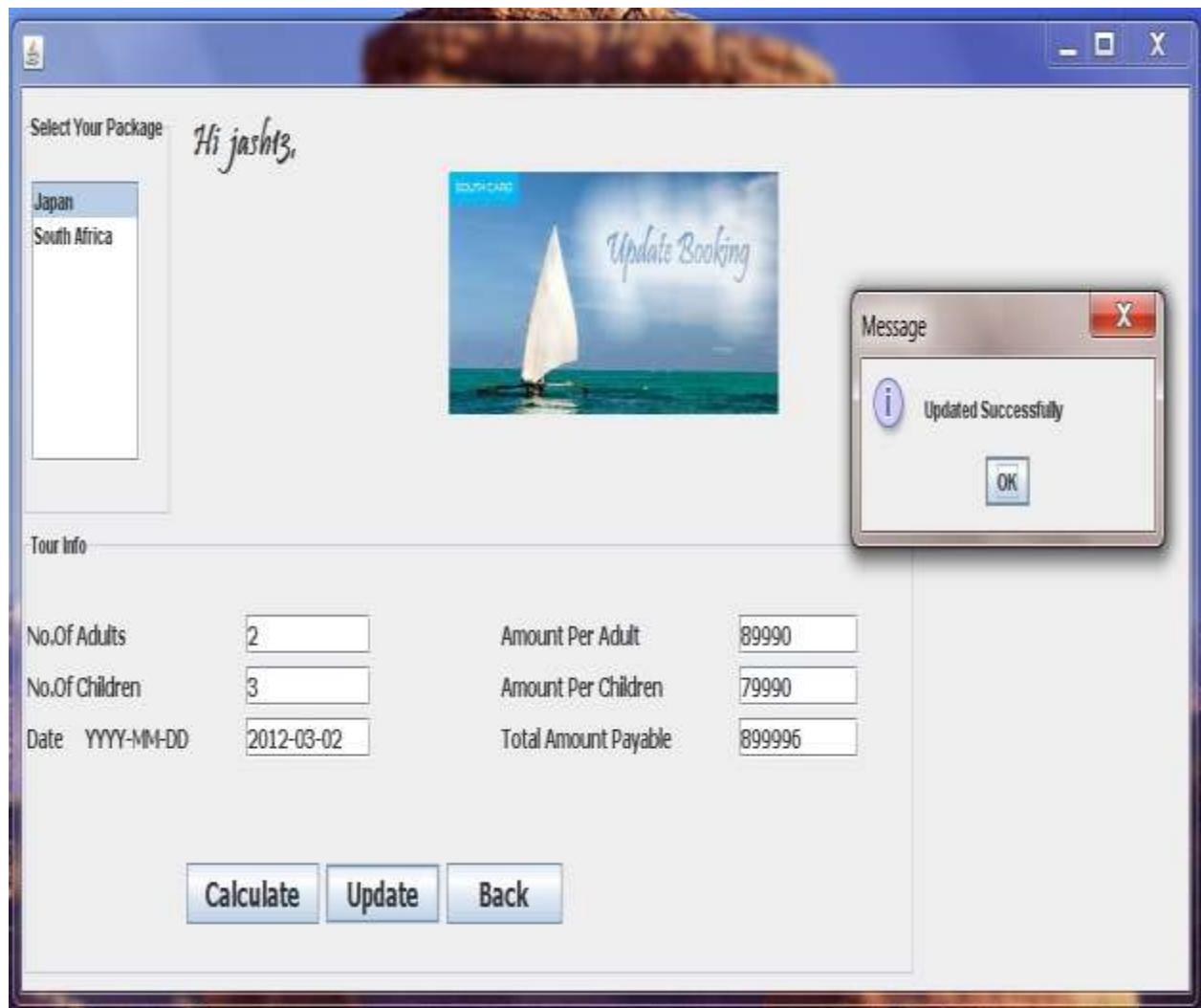
```

```
        System.out.print(e.toString());  
    }  
}
```

Back Button:

```
private void  
BackButtonActionPerformed(java.awt.event.ActionEvent evt) {  
  
    //Users Form  
  
    Users a=new Users();  
  
    dispose();  
  
    a.show();  
}
```

### User Update Booking Form Design



## User Update Booking Form Code

**Imports:**

```
import java.sql.*;  
import javax.swing.DefaultListModel;  
import javax.swing.JOptionPane;
```

```
Connection con;  
Statement st;  
ResultSet rs;  
ResultSet rsl;  
ResultSet rs2;  
String query;  
  
private void formWindowOpened(java.awt.event.WindowEvent evt) {  
    //Connection Code && List Code  
    try{  
        String s = null;  
        DefaultListModel d=(DefaultListModel)jList1.getModel();  
        Class.forName("com.mysql.jdbc.Driver");  
  
        con=DriverManager.getConnection("jdbc:mysql://localhost:3306/tour  
s","root","");
        st=con.createStatement();
        rsl=st.executeQuery("Select * from temp;");
        while(rsl.next()){
            s=rsl.getString(1);
            jLabel8.setText("Hi"+ " "+s+"," );
        }
    }
}
```

```
        rs=st.executeQuery("Select Pname from booking where
Username='"+s+"'");

        while(rs.next()){
d.addElement(rs.getString(1));

    }

}

catch(Exception e){
    System.out.print(e.toString());
}

}

private void
jList1ValueChanged(javax.swing.event.ListSelectionEvent evt) {
//Package Selection Code

String s=(String) jList1.getSelectedValue();
String j=null;
try{
    rs2=st.executeQuery("Select * from temp;");
    while(rs2.next()){
        j=rs2.getString(1);

    }

    rs=st.executeQuery("Select * from booking where
Pname='"+s+"&& Username='"+j+"'");

    while(rs.next()){


```

```

adult.setText(rs.getString(3));

child.setText(rs.getString(2));

date.setText(rs.getString(5));

tot.setText(rs.getString(6));

}

rsl=st.executeQuery("Select * from package where
Title='"+s+";");

while(rsl.next()){

adu.setText(rsl.getString(4));

chi.setText(rsl.getString(5));

}

}

catch(Exception e){

System.out.print(e.toString());

}

}

```

### Calculate Button

```

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

//Calculation Code

int a=Integer.parseInt(child.getText());

int b=Integer.parseInt(adult.getText());

int c=Integer.parseInt(adu.getText());

```

```
int d=Integer.parseInt(chi.getText());
if(a<0 && b<0)
{
    JOptionPane.showMessageDialog(null,"Please Enter Valid Number");
}
if(a<0 || b<0)
{
    JOptionPane.showMessageDialog(null,"Please Enter Valid Number");
}
double s=a*d;
double j=b*c;
double x=s+j;
tot.setText(""+x);
}
```

### Update Button:

```
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    // Update Code
    try{
        String s=null;
        rsl=st.executeQuery("Select * from temp;");
        while(rsl.next()){

```

```

        s=rs1.getString(1);

    }

    query="update booking set
child='"+child.getText()+"',adult='"+adult.getText()+"',date='"+date.get
Text()+"',total='"+tot.getText()+"' where Username='"+s+"';";

st.executeUpdate(query);

JOptionPane.showMessageDialog(null,"Updated Successfully");

}

catch(Exception e){

System.out.print(e.toString());

}

}

```

### Back Button:

```

private void jButton3ActionPerformed(java.awt.event.ActionEvent
evt) {

//Users Form

Users a=new Users();

dispose();

a.show();

}

```

## **Bibliography**

- ❖ [WWW.Google.com](http://WWW.Google.com)
- ❖ Informatics Practices for Class 11 - Sumita Arora.
- ❖ Informatics Practices for Class 12 - Sumita Arora