

**PHYSICS INVESTIGATORY PROJECT**

TOPIC : **“*Logic Gates”***

**Submitted by: Submitted to:**

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**INTRODUCTION**

This program is designed for the use of **Hotel Reservation System** and its functioning Main Objective of this project to facilitate the transactions through use of electronic medium. We use **java netbeans 6.5 software and Mysql** to programming our project.

**What is java?**

Java is a general purpose object oriented programming language . It is the first programming language that is not tied to any particular hardware or operating system .The language is based on the concept of an object. Java is highly derived from C++ . Most striking feature of the language is that it is platform neutral language.

There were five primary goals in the creation of the Java language:

• It should use the object-oriented programming methodology.

• It should allow the same program to be executed on multiple operating systems.

• It should contain built-in support for using computer networks.

• It should be designed to execute code from remote sources securely.

• It should be easy to use and borrow the good parts of older object-oriented languages like C++.

**Java tools**

In order to write java application or applets ,one need more than a language . The tools that lets one to write , test , debug programs.

**Java features**

● Compiler and Interpreted

● Platform independent

● Simple

● Secure

● Familiar

● Portable

● Object-Oriented

● Robust

● Multithreaded

● High performance

● Distributed

● Dynamic

Compiler and Interpreted - There is a java compiler , named javac . The java compiler takes input source code files (these files typically have the ext.java) and converts them into compiled bytecode files.The java Interpreter known as javac can be used to execute java application .The interpreter translates bytecode directly into program actions.

Platform independent - Java programs can be easily moved from one computer to another, anywhere and anytime.Changes and upgrades made in operating systems, processors and system resources will not force any changes in java programs.

Simple - Java is designed to be easy for programmer to learn and use efficiently.

Secure- When we use a java compatible web browser, we can safely download java applets without fear of virus infection. Java achieves this protection by confining a java program to java execution environment and not allowing it access to other parts of the computer.

Familiar- It is modeled on C, C++ languages. Java code looks like C++.

Portable- Java compiler generates bytecode instructions that can be implemented on any machine and also the size of the primitive data types are machine independent.

Object-Oriented - Java is a true object-oriented language. All program code and data reside within objects and classes.

Robust -It provides many safeguards to ensure reliable code. It has strict compile time and run time checking for data types. Designed as a garbage-collected language relieving the programmers and also incorpates the concept of exception handling which captures series errors.

Multithreaded - Java supports handling multiple tasks simultaneously which greatly improves the interactive performance of graphical applications.

High performance - Java performance is impressive for an interpreted language , mainly due to use of immediate bytecode . Use of multithreaded and further its architecture is also designed to reduce overheads during runtime.

Distributed - It has ability to share both data and programs. Java applications can open and access remote objects on internet which enables multiple programmers at multiple remote locations to collaborate and work together on single project.

Dynamic - Java is capable of dynamically in new class libraries , methods and objects .It supports functions written in other languages like C,C++ called as native methods.

Automatic garbage collection - One idea behind Java's automatic memory management model is that programmers should be spared the burden of having to perform manual memory management. In some languages the programmer allocates memory to create any object stored on the heap and is responsible for later manually deallocating that memory to delete any such objects. If a programmer forgets to de-allocate memory or writes code that fails to do so in a timely fashion, a memory leak can occur: the program will consume a potentially arbitrarily large amount of memory. In addition, if a region of memory is de-allocated twice, the program can become unstable and may crash.

In Java, this potential problem is avoided by automatic garbage collection. The programmer determines when objects are created and the Java runtime is responsible for managing the objects' lifecycle. The program or other objects can reference an object by holding a reference to it (which, from a low-level point of view, is its address on the heap). When no references to an object remain, the Java garbage collector automatically deletes the unreachable object, freeing memory and preventing a memory leak. Memory leaks may still occur if a programmer's code holds a reference to an object that is no longer needed—in other words, they can still occur but at higher conceptual levels.

Comparing Java and C++, it is possible in C++ to implement similar functionality (for example, a memory management model for specific classes can be designed in C++ to improve speed and lower memory fragmentation considerably), with the possibly cost of extra development time and some application complexity. In Java, garbage collection is built in and virtually invisible to the developer. That is, developers may have no notion of when garbage collection will take place as it may not necessarily correlate with any actions being explicitly performed by the code they write. Depending on intended application, this can be beneficial or disadvantageous: the programmer is freed from performing low-level tasks but at the same time lose the option of writing lower level code.

**Java Magic: The Bytecode**

Bytecode is a highly optimized set of instruction designed to be executed by the java runtime system, which is called Java Virtual Machine and it exists only inside the computer memory.

Java Compiler

Virtual Machine

Java Program

Source code Bytecode

Process of Compilation

Machine code

Bytecode

Java Interpreter

Virtual Machine Real Machine

Process of converting Bytecode into Machine code

**Object Oriented Programming**

Object Oriented Programming is an approach that provides a way of modularizing programs by creating partitioned memory area for both data and functions that can be used as templates for creating copies of such modules on demand.

Objects and Classes - An object is a software bundle of variables and related methods. Objects are key to understanding object-oriented technology. Real-world objects share two characteristics: They all have state and behavior.

Software objects are modeled after real-world objects in that they too have state and behavior Classes can also define class variables. A class variable contains information that is shared by all instances of the class .A class can also declare class methods. You can invoke a class method directly from the class, whereas you must invoke instance methods on a particular instance.

Encapsulation - Wrapping of data and methods into a single unit is known as encapsulation. It is the most striking feature of class. The data is not accessible to outside world and only those methods which are wrapped in the class can access it. The insulation of the data from direct access by the program is called data hiding.

Inheritance - Inheritance is the process by which objects of one class acquire the property of objects of another class. Each subclass inherits state .However, subclasses are not limited to the states and behaviors provided to them by their superclass. Subclasses can add variables and methods to the ones they inherit from the superclass. It supports the concept of hierarchical classification it also provides the use of reusability. .

Polymorphism - This means the ability to take more than one form. An operation may exhibit different behaviour in different instances. The behaviour depends upon the types of data used in the operation. It plays an important role in allowing objects having different internal structures to share external interface.

**Java SE - Java Database Connectivity (JDBC)**

The Java Database Connectivity (JDBC) API is the industry standard for database-independent connectivity between the Java programming language and a wide range of databases – SQL databases and other tabular data sources, such as spreadsheets or flat files. The JDBC API provides a call-level API for SQL-based database access.

JDBC technology allows you to use the Java programming language to exploit "Write Once, Run Anywhere" capabilities for applications that require access to enterprise data. With a JDBC technology-enabled driver, you can connect all corporate data even in a heterogeneous environment.

**Advantages of JDBC Technology :**

Leverage Existing Enterprise Data

Simplified Enterprise Development

Zero Configuration for Network Computers

|  |  |
| --- | --- |
| Driver manager | Loads database drivers and manages the connections between the application and the driver |
| Driver | Translates API calls into operations for a specific data source |
| Connection | A session between an application and a database |
| Statement | A SQL statement to perform a query or update operation |
| Metadata | Information about returned data , database and driver |
| Resultset | Logical set of columns and rows of data returned by executing a statement |

Driver Manager

Connection

Statement

ResultSet

Driver

The JDBC architecture is based on a collection of java interfaces and classes that together enable you to connect to data sources , to create and execute SQL statements and to retrieve and modify data in a database.

The JDBC-ODBC Bridge –“sun.jdbc.odbc.jdbcodbcDriver”-is included with JDK and it enables Java applications to access data through drivers written to the ODBC standard. The driver bridge is useful for accessing data in data sources for which no pure JDBC drivers exist. The bridge works by translating the JDBC methods into ODBC function calls.

**SQL-STRUCTURED QUERY LANGUAGE**

SQL is not a procedural language. It is not used to define complex processes; we can use SQL to use commands that define and manipulate data. SQL is different from other languages.

• SQL is very readable.

• In SQL we always issue commands.

SQL statements fall into two groups:-

● Data Defination Language (DDL) – DDL statements are used to describe the tables and the data they contain. The subset of SQL statements used for modeling the structure (rather than the contents) of a database or cube. The DDL gives you the ability to create, modify, and remove databases and database objects.

● Data Manipulation Language (DML) – DML statements that are used to operate on data in the database. These are statements that allow you to create or alter objects (such as tables, indexes, views, and so on) in the database. The subset of SQL statements used to retrieve and manipulate data. DML can be further divided into 2 groups:-

● Select Statements – Statements that return a set of results.

● Everything else – Statements that don’t return a set of results.

Here are some of the quries defined:-

##### SELECT - SQL statement used to request a selection, projection, join, query, and so on, from a SQL Server database.

**Primary key** – Primary key constraints identify the column or set of columns whose values uniquely identify a row in a table. No two rows in a table can have the same primary key value. You cannot enter a NULL value for any column in a primary key.

**Insert** - The Insert logical operator inserts each row from its input into the object specified in the Argument column. To insert the data into a relation we either specify a tuple to be inserted or write a query.

**Delete** - The Delete logical operator deletes from an object rows that satisfy the optional predicate in the Argument column. We can delete only whole tuples; we cannot delete values on only particular attributes.

**Update** - The Update logical operator updates each row from its input in the object specified in the Argument column. It provides a way of modifying existing data in a table.

**SWING**

SWING is a set of classes that provides powerful and flexible functionality. In addition with several components provided by AWT, swing supplies several exciting additions, including tabbed panes, scroll panes, trees and tables. It also changes the images as the state of any component changes. Swing is built upon the foundation of the AWT. Swing components are written entirely in Java and therefore are Platform-independent .Swing is also termed also light-weight and provide pluggable look and feel.

There are 2 Swing classes that are quite important:

Jframe and Component – Jframe extends the AWT class Frame. It contains additional features that enable it to support Swing components. JComponent extends the AWT component and Container classes. It is the top level class for all Swing components and provides Swing pluggable look and feel.

Here are some of the Swing component classes:

|  |  |
| --- | --- |
| CLASS | DESCRIPTION |
| Abstract Button | Abstract super class for Swing buttons. |
| Button Group | Encapsulates a mutually exclusive set of buttons. |
| Image Icon | Encapsulates an icon. |
| JApplet | The SWING version of APPLET. |
| JButton | The SWING push button class. |
| JCheckBox | The SWING check box class. |
| JComboBox | Encapsulates a combo box . |
| JLabels | The SWING version of a label. |
| JRadioButton | The SWING version of a radio button. |
| JScrollPane | Encapsulates a scrollable window. |
| JTabbedPane | Encapsulates a tabbed window. |
| JTextField | The SWING version of Text field. |
| JTree | Encapsulates a tree based-control. |

Here are the some of the components used:

● **JApplet** – Applet that use SWING must be subclass of JApplet.

JApplet is rich with functionality that is not found in Applet.

● **Icons** – Icons are encapsulated by the Image Icon class, which paints an icon from an image.

● **JLabel** – Labels are the instances of the JLabel class which extends JComponent. It can display text or icon. These are passive controls that do not support any interaction with the user.

● **JTextFields** – Text field is encapsulated by the JTextComponent class which extends JComponent. JTextField allows you to edit one line of text.

● **JButton** – JButton class provides the functionality of a push button. JButton allows an icon of string to be associated with the push button.

● **JCheckBox** – It is supported by the JCheckBox class. It is a control that is used to turn an option on or off.

● **JTextArea** - Text area is encapsulated by the JTextComponent class which extends JComponent. JTextArea allows you to edit multiline of text.

● **JRadioButton** – it is supported by the JRadioButton class. It can be configured into a group of check boxes in which only one check box can be checked at any one time.

● **JComboBox** – It is provided through the JComboBox class. It normally displays one entry and can also display a drop down list that allows a user to select a different entry.

● **JScrollPane** – It is a component that presents a rectangular area in which a component may be viewed. These are implemented in Swing by JScrollPane class.

● **JTree** - It is a component that presents a hierarchical view of data. A user has ability to expand individual subtrees. These are implemented in Swing by JTree class.

**ADVANTAGES OF (JAVAX) SWING**:

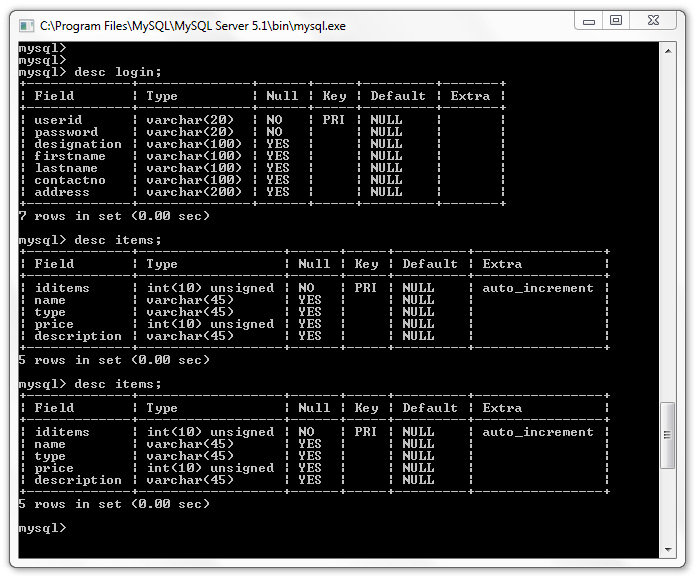
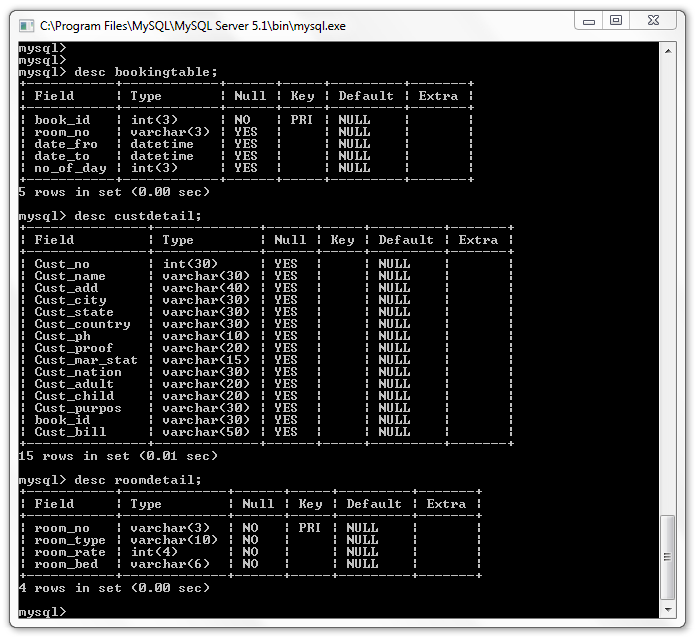
1. It provides more powerful and more flexible components possible in AWT package. For e.g. JButton can have both image as well as text field associated with it which is not possible in awt package.
2. Unlike AWT components SWING components are not implemented by platform-specific code. Instead they are written entirely in java and therefore are platform independent. Thus term *lightweight* is used to describe such elements.
3. Further the Swing components can provide pluggable look and feel, which means that it is easy to substitute another appearance and behavior for an element.

**PRELIMINARY DESIGN**

**(User Interface)**

**FORM LAYOUTS**

**DATABASE DESIGN**

****

**IMPLEMENTATION**

**LOGIN**

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.JOptionPane;

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

/\*\*

\*

\* @author Dell

\*/

public class Login extends javax.swing.JFrame {

/\*\*

\* Creates new form Login

\*/

public Login() {

initComponents();

}

/\*\*

\* 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.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jPasswordField1 = new javax.swing.JPasswordField();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jLabel3 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setLocation(new java.awt.Point(250, 100));

setResizable(false);

setSize(new java.awt.Dimension(860, 540));

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N

jLabel1.setForeground(new java.awt.Color(153, 0, 0));

jLabel1.setText("USERNAME");

getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 180, -1, 24));

jLabel2.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N

jLabel2.setForeground(new java.awt.Color(153, 0, 0));

jLabel2.setText("PASSWORD");

getContentPane().add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 220, -1, 24));

jTextField1.setBackground(new java.awt.Color(255, 204, 153));

jTextField1.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N

jTextField1.setForeground(new java.awt.Color(153, 0, 0));

jTextField1.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jTextField1.setBorder(new javax.swing.border.MatteBorder(null));

jTextField1.setOpaque(false);

getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(350, 180, 106, 24));

jPasswordField1.setBackground(new java.awt.Color(255, 204, 153));

jPasswordField1.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N

jPasswordField1.setForeground(new java.awt.Color(153, 0, 0));

jPasswordField1.setHorizontalAlignment(javax.swing.JTextField.CENTER);

jPasswordField1.setBorder(new javax.swing.border.MatteBorder(null));

jPasswordField1.setOpaque(false);

getContentPane().add(jPasswordField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(350, 220, 106, 24));

jButton1.setBackground(new java.awt.Color(255, 204, 153));

jButton1.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N

jButton1.setForeground(new java.awt.Color(153, 0, 0));

jButton1.setText("EXIT");

jButton1.setOpaque(false);

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(430, 290, -1, -1));

jButton2.setBackground(new java.awt.Color(255, 204, 153));

jButton2.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N

jButton2.setForeground(new java.awt.Color(153, 0, 0));

jButton2.setText("LOGIN");

jButton2.setOpaque(false);

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 290, -1, -1));

jLabel3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/maxresdefaultL.jpg"))); // NOI18N

jLabel3.setBorder(new javax.swing.border.MatteBorder(null));

getContentPane().add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, 530));

pack();

}// </editor-fold>

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

System.exit(0);

}

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

String username,password;

username=jTextField1.getText();

password=jPasswordField1.getText();

if(username.isEmpty()||password.isEmpty())

{JOptionPane.showMessageDialog(this,"Please Fill The Info Properly");}

else{

try{

Class.forName("java.sql.DriverManager");

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

Statement stmt=(Statement)con.createStatement();

String query = "Select \* from login where userid='"+username+"';";

ResultSet rs=stmt.executeQuery(query);

if (rs.next()){

String U=rs.getString("userid");

String P=rs.getString("password");

if(password.equals(P))

{this.dispose();

NavigationFrame nf=new NavigationFrame(this);

nf.setVisible(true);}

else{JOptionPane.showMessageDialog(this,"Incorrect Password"+"\n"+"Please Try Again");

jTextField1.setText("");

jPasswordField1.setText("");}

}

else{JOptionPane.showMessageDialog(this,"NO SUCH ACCOUNT");}}

catch(Exception e)

{JOptionPane.showMessageDialog(this, e.getMessage());}

}

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new Login().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JPasswordField jPasswordField1;

private javax.swing.JTextField jTextField1;

// End of variables declaration

}

**BOOK ROOM**

import java.text.SimpleDateFormat;

import java.util.Date;

import java.sql.\*;

import java.text.DateFormat;

import java.util.Calendar;

import javax.swing.JOptionPane;

public class BookRoom extends javax.swing.JFrame {

Connection con;

Statement smt1,smt2,smt3;

ResultSet rs;

DateFormat formatter;

String roomno,bed,roomt,rate,strdtver1,strdtver2;

String cname,cadd,ccity,cstat,ccoun,cph,cproof,cno;

String cadult,cchild,cmars,cidno,cnation,cpur,cbill;

String diffd;

int amt,bookid;

String dt1,dt2;

/\*\* Creates new form BookRoom \*/

public BookRoom(Object o1,Object o2,Object o3,Object o4,Date o5,Date o6,String diff) {

initComponents();

try{

SimpleDateFormat sdf= new SimpleDateFormat("dd-MMM-yyyy");

SimpleDateFormat sdf1= new SimpleDateFormat("yyyy-MM-dd");

roomno=o1.toString();

bed=o2.toString();

roomt=o3.toString();

rate=o4.toString();

strdtver1=(String) sdf.format(o5.getTime());

strdtver2=(String) sdf.format(o6.getTime());

Calendar c1=Calendar.getInstance();

c1.setTime(o5);

dt1=(String) sdf1.format(c1.getTime());

Calendar c2=Calendar.getInstance();

c2.setTime(o6);

dt2=(String) sdf1.format(c2.getTime());

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

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/hotel","root","");

smt1=con.createStatement();

diffd=diff;

}

catch(Exception ex)

{

}

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

bindingGroup = new org.jdesktop.beansbinding.BindingGroup();

jPanel4 = new javax.swing.JPanel();

jPanel5 = new javax.swing.JPanel();

jLabel16 = new javax.swing.JLabel();

jLabel17 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jLabel18 = new javax.swing.JLabel();

jTextField2 = new javax.swing.JTextField();

jLabel19 = new javax.swing.JLabel();

jTextField3 = new javax.swing.JTextField();

jTextField4 = new javax.swing.JTextField();

jLabel20 = new javax.swing.JLabel();

jTextField5 = new javax.swing.JTextField();

jLabel21 = new javax.swing.JLabel();

jTextField6 = new javax.swing.JTextField();

jLabel22 = new javax.swing.JLabel();

jTextField7 = new javax.swing.JTextField();

jLabel23 = new javax.swing.JLabel();

jTextField8 = new javax.swing.JTextField();

jLabel24 = new javax.swing.JLabel();

jTextField9 = new javax.swing.JTextField();

jLabel25 = new javax.swing.JLabel();

jTextField10 = new javax.swing.JTextField();

jLabel26 = new javax.swing.JLabel();

jTextField11 = new javax.swing.JTextField();

jLabel27 = new javax.swing.JLabel();

jTextField12 = new javax.swing.JTextField();

jLabel29 = new javax.swing.JLabel();

jTextField14 = new javax.swing.JTextField();

jLabel30 = new javax.swing.JLabel();

jTextField15 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jLabel28 = new javax.swing.JLabel();

jTextField13 = new javax.swing.JTextField();

jButton3 = new javax.swing.JButton();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jLabel14 = new javax.swing.JLabel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

setBounds(new java.awt.Rectangle(250, 60, 0, 0));

setResizable(false);

setSize(new java.awt.Dimension(750, 490));

org.jdesktop.beansbinding.Binding binding = org.jdesktop.beansbinding.Bindings.createAutoBinding(org.jdesktop.beansbinding.AutoBinding.UpdateStrategy.READ\_WRITE, this, org.jdesktop.beansbinding.ELProperty.create("Hotel Reservation System "), this, org.jdesktop.beansbinding.BeanProperty.create("title"));

bindingGroup.addBinding(binding);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowOpened(java.awt.event.WindowEvent evt) {

formWindowOpened(evt);

}

});

jPanel4.setBackground(new java.awt.Color(241, 241, 255));

jPanel4.setOpaque(false);

jPanel4.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel5.setBackground(new java.awt.Color(255, 204, 0));

jPanel5.setOpaque(false);

jPanel5.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel16.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel16.setText("Address");

jPanel5.add(jLabel16, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 80, -1, -1));

jLabel17.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel17.setText("Customer Name");

jPanel5.add(jLabel17, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 50, -1, -1));

jPanel5.add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 50, 170, -1));

jLabel18.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel18.setText("City");

jPanel5.add(jLabel18, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 110, -1, -1));

jPanel5.add(jTextField2, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 80, 170, -1));

jLabel19.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel19.setText("State");

jPanel5.add(jLabel19, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 140, -1, -1));

jPanel5.add(jTextField3, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 110, 170, -1));

jPanel5.add(jTextField4, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 140, 170, -1));

jLabel20.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel20.setText("Country");

jPanel5.add(jLabel20, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 170, -1, -1));

jPanel5.add(jTextField5, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 170, 170, -1));

jLabel21.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel21.setText("Phone");

jPanel5.add(jLabel21, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 200, -1, -1));

jPanel5.add(jTextField6, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 200, 170, -1));

jLabel22.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel22.setText("Nationality");

jPanel5.add(jLabel22, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 20, -1, -1));

jPanel5.add(jTextField7, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 50, 140, -1));

jLabel23.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel23.setText("Purpose");

jPanel5.add(jLabel23, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 140, -1, -1));

jPanel5.add(jTextField8, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 140, 140, -1));

jLabel24.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel24.setText("ID Proof");

jPanel5.add(jLabel24, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 50, -1, -1));

jPanel5.add(jTextField9, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 20, 140, -1));

jLabel25.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel25.setText("Customer Id");

jPanel5.add(jLabel25, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 20, -1, -1));

jPanel5.add(jTextField10, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 20, 170, -1));

jLabel26.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel26.setText("No of Adult");

jPanel5.add(jLabel26, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 80, -1, -1));

jPanel5.add(jTextField11, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 80, 140, -1));

jLabel27.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel27.setText("No of Minor");

jPanel5.add(jLabel27, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 110, -1, -1));

jPanel5.add(jTextField12, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 110, 140, -1));

jLabel29.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel29.setText("Marital Status");

jPanel5.add(jLabel29, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 230, -1, -1));

jPanel5.add(jTextField14, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 230, 170, -1));

jLabel30.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N

jLabel30.setForeground(new java.awt.Color(0, 102, 0));

jLabel30.setText("Bill (tax 12%)");

jPanel5.add(jLabel30, new org.netbeans.lib.awtextra.AbsoluteConstraints(320, 200, 90, -1));

jTextField15.setEnabled(false);

jPanel5.add(jTextField15, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 200, 140, -1));

jButton1.setBackground(new java.awt.Color(255, 204, 0));

jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jButton1.setText("Book Room");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jPanel5.add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(330, 240, 160, 30));

jLabel28.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel28.setText("No of days");

jPanel5.add(jLabel28, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 170, -1, -1));

jTextField13.setEnabled(false);

jPanel5.add(jTextField13, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 170, 140, -1));

jButton3.setBackground(new java.awt.Color(255, 204, 0));

jButton3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jButton3.setText("Close");

jButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton3ActionPerformed(evt);

}

});

jPanel5.add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(500, 240, 80, 30));

jPanel4.add(jPanel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(70, 210, 610, 280));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel3.setForeground(new java.awt.Color(0, 102, 0));

jLabel3.setText("Room No.");

jPanel4.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(180, 160, -1, -1));

jLabel4.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jLabel4.setText("Room No.");

jPanel4.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 160, -1, 20));

jLabel5.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jLabel5.setText("Room Type");

jPanel4.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(100, 190, -1, -1));

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel6.setForeground(new java.awt.Color(0, 102, 0));

jLabel6.setText("Room Type");

jPanel4.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(180, 190, 90, -1));

jLabel7.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jLabel7.setText("Bed Type");

jPanel4.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 160, -1, -1));

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel8.setForeground(new java.awt.Color(0, 102, 0));

jLabel8.setText("Bed Type");

jPanel4.add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 160, 100, -1));

jLabel9.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jLabel9.setText("Tariff");

jPanel4.add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(510, 160, -1, -1));

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel10.setForeground(new java.awt.Color(0, 102, 0));

jLabel10.setText("Tariff");

jPanel4.add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(550, 160, 90, -1));

jLabel11.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jLabel11.setText("Check In");

jPanel4.add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 190, 60, -1));

jLabel12.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel12.setForeground(new java.awt.Color(0, 102, 0));

jLabel12.setText("Check In");

jPanel4.add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(380, 190, 110, -1));

jLabel13.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N

jLabel13.setText("Check Out");

jPanel4.add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 190, 70, -1));

jLabel14.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jLabel14.setForeground(new java.awt.Color(0, 102, 0));

jLabel14.setText("Check Out");

jPanel4.add(jLabel14, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 190, 110, -1));

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/tgbh-launch-quad-1024x768.jpg"))); // NOI18N

jPanel4.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 0, -1, 160));

jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/bi7.jpg"))); // NOI18N

jPanel4.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 750, 490));

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jPanel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 747, javax.swing.GroupLayout.PREFERRED\_SIZE)

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jPanel4, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

bindingGroup.bind();

setSize(new java.awt.Dimension(763, 529));

setLocationRelativeTo(null);

}// </editor-fold>

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

try{

String bidsql="select book\_id from bookingtable;";

smt3=con.createStatement();

rs=smt3.executeQuery(bidsql);

int row=0;

int bid=0;

while(rs.next()){

bid=rs.getInt(1);

row++;

}

if(row==0)

{

bid++;

}

else

{

rs.last();

bid=rs.getInt(1);

bid=bid+1;

}

bookid=bid;

jLabel3.setText(roomno);

jLabel6.setText(bed);

jLabel8.setText(roomt);

jLabel10.setText(rate);

jLabel12.setText(strdtver1);

jLabel14.setText(strdtver2);

jTextField13.setText(diffd+" day(s)");

int r=Integer.parseInt(rate);

int day=Integer.parseInt(diffd);

int tax=(r\*day)\*12/100;

amt=(r\*day)+tax;

jTextField15.setText(Integer.toString(amt)+".00");

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

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

try

{

cno=jTextField10.getText();

cname=jTextField1.getText();

cadd=jTextField2.getText();

ccity=jTextField3.getText();

cstat=jTextField4.getText();

ccoun=jTextField5.getText();

cph=jTextField6.getText();

cmars=jTextField14.getText();

cnation=jTextField9.getText();

cproof=jTextField7.getText();

cadult=jTextField11.getText();

cchild=jTextField12.getText();

cpur=jTextField8.getText();

int code=JOptionPane.showConfirmDialog(this,"Room No. " + roomno + " is booked for " + cname + ""

+ "!","Confirmation",JOptionPane.YES\_NO\_CANCEL\_OPTION,JOptionPane.INFORMATION\_MESSAGE);

if(code==JOptionPane.YES\_NO\_OPTION)

{

String insqlcust="insert into custdetail (Cust\_no,Cust\_name,Cust\_add,Cust\_city,Cust\_state,Cust\_country,Cust\_ph,Cust\_proof,Cust\_mar\_stat,Cust\_nation,Cust\_adult,Cust\_child,Cust\_purpos,book\_id,cust\_bill) "

+ "values ('" + cno + "','" + cname + "','" + cadd + "','" + ccity + "','" + cstat + "','" + ccoun + "','" + cph + "','" + cproof

+ "','" + cmars + "','" + cnation + "','" + cadult + "','" + cchild + "','" + cpur + "'," + bookid

+ ",'" + amt + "');";

smt1=con.createStatement();

int ins=smt1.executeUpdate(insqlcust);

String insqlbook="insert into bookingtable (book\_id,room\_no,date\_fro,date\_to,no\_of\_day) values( '"

+ bookid + "','" + roomno + "','" + dt1 + "','" + dt2 + "','" + diffd + "');";

smt2=con.createStatement();

int ins1=smt1.executeUpdate(insqlbook);

JOptionPane.showMessageDialog( this,"Room Booked...!");

}

else

{

}

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

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

dispose();

}

/\*\*

\* @param args the command line arguments

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new BookRoom().setVisible(true);

}

});

}\*/

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel14;

private javax.swing.JLabel jLabel16;

private javax.swing.JLabel jLabel17;

private javax.swing.JLabel jLabel18;

private javax.swing.JLabel jLabel19;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel20;

private javax.swing.JLabel jLabel21;

private javax.swing.JLabel jLabel22;

private javax.swing.JLabel jLabel23;

private javax.swing.JLabel jLabel24;

private javax.swing.JLabel jLabel25;

private javax.swing.JLabel jLabel26;

private javax.swing.JLabel jLabel27;

private javax.swing.JLabel jLabel28;

private javax.swing.JLabel jLabel29;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel30;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JPanel jPanel4;

private javax.swing.JPanel jPanel5;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField10;

private javax.swing.JTextField jTextField11;

private javax.swing.JTextField jTextField12;

private javax.swing.JTextField jTextField13;

private javax.swing.JTextField jTextField14;

private javax.swing.JTextField jTextField15;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private javax.swing.JTextField jTextField6;

private javax.swing.JTextField jTextField7;

private javax.swing.JTextField jTextField8;

private javax.swing.JTextField jTextField9;

private org.jdesktop.beansbinding.BindingGroup bindingGroup;

// End of variables declaration

}

**CUSTOMER DETAILS**

import java.sql.\*;

import javax.swing.JOptionPane;

public class CustomerMang extends javax.swing.JFrame {

Connection con;

Statement smt,smt1;

ResultSet rs,rs1,rs2;

String Cust\_no,Cust\_name,Cust\_add,Cust\_city,Cust\_state,Cust\_country,Cust\_ph,Cust\_proof,Cust\_mar\_stat,Cust\_nation,Cust\_adult,Cust\_child,Cust\_purpos,book\_id,Cust\_bill;

public CustomerMang() {

initComponents();

disableTextF();

try

{

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

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/hotel","root","");

String query = "SELECT \* FROM custdetail ORDER BY Cust\_No;";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception e)

{

e.printStackTrace();

System.out.println(e.getMessage());

}

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

bindingGroup = new org.jdesktop.beansbinding.BindingGroup();

jPanel1 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

jLabel12 = new javax.swing.JLabel();

jLabel14 = new javax.swing.JLabel();

jTextField12 = new javax.swing.JTextField();

jTextField11 = new javax.swing.JTextField();

jTextField10 = new javax.swing.JTextField();

jTextField9 = new javax.swing.JTextField();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jTextField3 = new javax.swing.JTextField();

jTextField4 = new javax.swing.JTextField();

jTextField5 = new javax.swing.JTextField();

jTextField6 = new javax.swing.JTextField();

jTextField7 = new javax.swing.JTextField();

jTextField8 = new javax.swing.JTextField();

jLabel16 = new javax.swing.JLabel();

jLabel15 = new javax.swing.JLabel();

jTextField16 = new javax.swing.JTextField();

jTextField15 = new javax.swing.JTextField();

jButton5 = new javax.swing.JButton();

jButton7 = new javax.swing.JButton();

jButton6 = new javax.swing.JButton();

jButton8 = new javax.swing.JButton();

jLabel19 = new javax.swing.JLabel();

jLabel20 = new javax.swing.JLabel();

jTextField18 = new javax.swing.JTextField();

jTextField19 = new javax.swing.JTextField();

jLabel25 = new javax.swing.JLabel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jTextField13 = new javax.swing.JTextField();

jLabel9 = new javax.swing.JLabel();

jLabel17 = new javax.swing.JLabel();

jLabel18 = new javax.swing.JLabel();

jLabel21 = new javax.swing.JLabel();

jLabel22 = new javax.swing.JLabel();

jLabel23 = new javax.swing.JLabel();

jLabel24 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

setBounds(new java.awt.Rectangle(250, 50, 0, 0));

org.jdesktop.beansbinding.Binding binding = org.jdesktop.beansbinding.Bindings.createAutoBinding(org.jdesktop.beansbinding.AutoBinding.UpdateStrategy.READ\_WRITE, this, org.jdesktop.beansbinding.ELProperty.create("Hotel Reservation System "), this, org.jdesktop.beansbinding.BeanProperty.create("title"));

bindingGroup.addBinding(binding);

jPanel1.setBackground(new java.awt.Color(241, 241, 255));

jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/tgbh-launch-quad-1024x768.jpg"))); // NOI18N

jPanel1.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(96, 11, -1, -1));

jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel2.setText("Visitor Name");

jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 211, -1, -1));

jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel3.setText("Visitor Address");

jPanel1.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 237, -1, -1));

jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel4.setText("Visitor City");

jPanel1.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 263, -1, -1));

jLabel5.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel5.setText("Visitor State");

jPanel1.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 289, -1, -1));

jLabel6.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel6.setText("Visitor Country");

jPanel1.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 315, -1, -1));

jLabel7.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel7.setText("Visitor Phone");

jPanel1.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 341, -1, -1));

jLabel8.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel8.setText("Visitor ID Proof");

jPanel1.add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 367, -1, -1));

jLabel10.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel10.setText("Visitor Marital Status");

jPanel1.add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(80, 390, -1, -1));

jLabel13.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel13.setText("Visitor Nationality");

jPanel1.add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(450, 180, -1, -1));

jLabel11.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel11.setText("No. of Adult(s) with visitor");

jPanel1.add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 430, -1, -1));

jLabel12.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel12.setText("No. of Child(ren) with visitor");

jPanel1.add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 450, -1, -1));

jLabel14.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel14.setText("Purpose of visit");

jPanel1.add(jLabel14, new org.netbeans.lib.awtextra.AbsoluteConstraints(454, 202, -1, -1));

jTextField12.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField12, new org.netbeans.lib.awtextra.AbsoluteConstraints(551, 199, 143, -1));

jTextField11.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField11, new org.netbeans.lib.awtextra.AbsoluteConstraints(216, 447, 201, -1));

jTextField10.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField10, new org.netbeans.lib.awtextra.AbsoluteConstraints(216, 421, 201, -1));

jTextField9.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField9, new org.netbeans.lib.awtextra.AbsoluteConstraints(551, 173, 143, -1));

jTextField1.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(216, 208, 201, -1));

jTextField2.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField2, new org.netbeans.lib.awtextra.AbsoluteConstraints(216, 234, 201, -1));

jTextField3.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField3, new org.netbeans.lib.awtextra.AbsoluteConstraints(216, 260, 201, -1));

jTextField4.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField4, new org.netbeans.lib.awtextra.AbsoluteConstraints(216, 286, 201, -1));

jTextField5.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField5, new org.netbeans.lib.awtextra.AbsoluteConstraints(216, 312, 201, -1));

jTextField6.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField6, new org.netbeans.lib.awtextra.AbsoluteConstraints(216, 338, 201, -1));

jTextField7.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField7, new org.netbeans.lib.awtextra.AbsoluteConstraints(216, 364, 201, -1));

jTextField8.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField8, new org.netbeans.lib.awtextra.AbsoluteConstraints(220, 390, 200, -1));

jLabel16.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel16.setText("Booking ID");

jPanel1.add(jLabel16, new org.netbeans.lib.awtextra.AbsoluteConstraints(454, 228, -1, -1));

jLabel15.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel15.setText("Bill Amount");

jPanel1.add(jLabel15, new org.netbeans.lib.awtextra.AbsoluteConstraints(454, 261, -1, -1));

jTextField16.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField16, new org.netbeans.lib.awtextra.AbsoluteConstraints(551, 255, 143, -1));

jTextField15.setBackground(new java.awt.Color(250, 250, 255));

jTextField15.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jTextField15ActionPerformed(evt);

}

});

jPanel1.add(jTextField15, new org.netbeans.lib.awtextra.AbsoluteConstraints(551, 225, 143, -1));

jButton5.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jButton5.setText("First <<");

jButton5.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton5ActionPerformed(evt);

}

});

jPanel1.add(jButton5, new org.netbeans.lib.awtextra.AbsoluteConstraints(487, 322, 104, -1));

jButton7.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jButton7.setText("Next >");

jButton7.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton7ActionPerformed(evt);

}

});

jPanel1.add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(600, 290, 104, -1));

jButton6.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jButton6.setText("Previous <");

jButton6.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton6ActionPerformed(evt);

}

});

jPanel1.add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(490, 290, 102, -1));

jButton8.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jButton8.setText("Last >>");

jButton8.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton8ActionPerformed(evt);

}

});

jPanel1.add(jButton8, new org.netbeans.lib.awtextra.AbsoluteConstraints(597, 322, 102, -1));

jLabel19.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel19.setText("By Name");

jPanel1.add(jLabel19, new org.netbeans.lib.awtextra.AbsoluteConstraints(477, 379, -1, -1));

jLabel20.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel20.setText("By Id");

jPanel1.add(jLabel20, new org.netbeans.lib.awtextra.AbsoluteConstraints(494, 399, -1, -1));

jPanel1.add(jTextField18, new org.netbeans.lib.awtextra.AbsoluteConstraints(537, 376, 187, -1));

jPanel1.add(jTextField19, new org.netbeans.lib.awtextra.AbsoluteConstraints(537, 396, 187, -1));

jLabel25.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jLabel25.setText("Search Visitor");

jPanel1.add(jLabel25, new org.netbeans.lib.awtextra.AbsoluteConstraints(528, 356, -1, -1));

jButton1.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jButton1.setText("Search");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jPanel1.add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 440, 92, 20));

jButton2.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jButton2.setText("CLOSE");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jPanel1.add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(587, 438, 93, -1));

jTextField13.setBackground(new java.awt.Color(250, 250, 255));

jPanel1.add(jTextField13, new org.netbeans.lib.awtextra.AbsoluteConstraints(216, 177, 201, -1));

jLabel9.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N

jLabel9.setText("Visitor ID");

jPanel1.add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 180, -1, -1));

jLabel17.setIcon(new javax.swing.ImageIcon(getClass().getResource("/bi7.jpg"))); // NOI18N

jPanel1.add(jLabel17, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 750, -1));

jLabel18.setText("Visitor State");

jPanel1.add(jLabel18, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 289, -1, -1));

jLabel21.setText("Visitor Address");

jPanel1.add(jLabel21, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 237, -1, -1));

jLabel22.setText("Visitor Name");

jPanel1.add(jLabel22, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 211, -1, -1));

jLabel23.setText("Visitor City");

jPanel1.add(jLabel23, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 263, -1, -1));

jLabel24.setText("Visitor Country");

jPanel1.add(jLabel24, new org.netbeans.lib.awtextra.AbsoluteConstraints(77, 315, -1, -1));

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

bindingGroup.bind();

setSize(new java.awt.Dimension(763, 534));

setLocationRelativeTo(null);

}// </editor-fold>

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

// TODO add your handling code here:

dispose();

}

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

// TODO add your handling code here:

}

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.last();

if (rs.isLast()) {

rs.last();

}

displayRecord();

} catch (Exception ex) {

}

}

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.previous();

if (rs.isFirst()) {

rs.first();

}

displayRecord();

} catch (Exception ex) {

}

}

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.next();

if (rs.isLast()) {

rs.last();

}

displayRecord();

} catch (Exception ex) {

}

}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.first();

if (rs.isFirst()) {

rs.first();

}

displayRecord();

} catch (Exception ex) {

}

}

private void jTextField15ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

public final void displayRecord(){

try

{

jTextField13.setText(Integer.toString(rs.getInt(1)));

jTextField1.setText(rs.getString(2));

jTextField2.setText(rs.getString(3));

jTextField3.setText(rs.getString(4));

jTextField4.setText(rs.getString(5));

jTextField5.setText(rs.getString(6));

jTextField6.setText(rs.getString(7));

jTextField7.setText(rs.getString(8));

jTextField8.setText(rs.getString(9));

jTextField9.setText(rs.getString(10));

jTextField10.setText(rs.getString(11));

jTextField11.setText(rs.getString(12));

jTextField12.setText(rs.getString(13));

jTextField15.setText(rs.getString(14));

jTextField16.setText(rs.getString(15));

}

catch(Exception ec)

{}

}

//DISABLE TEXT FIELDS AND AREA

private void disableTextF(){

jTextField1.setEditable(false);

jTextField2.setEditable(false);

jTextField3.setEditable(false);

jTextField4.setEditable(false);

jTextField5.setEditable(false);

jTextField6.setEditable(false);

jTextField7.setEditable(false);

jTextField8.setEditable(false);

jTextField9.setEditable(false);

jTextField10.setEditable(false);

jTextField11.setEditable(false);

jTextField12.setEditable(false);

jTextField13.setEditable(false);

jTextField15.setEditable(false);

jTextField16.setEditable(false);

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

java.awt.EventQueue.invokeLater(new Runnable() {

@Override

public void run() {

new CustomerMang().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton5;

private javax.swing.JButton jButton6;

private javax.swing.JButton jButton7;

private javax.swing.JButton jButton8;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel14;

private javax.swing.JLabel jLabel15;

private javax.swing.JLabel jLabel16;

private javax.swing.JLabel jLabel17;

private javax.swing.JLabel jLabel18;

private javax.swing.JLabel jLabel19;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel20;

private javax.swing.JLabel jLabel21;

private javax.swing.JLabel jLabel22;

private javax.swing.JLabel jLabel23;

private javax.swing.JLabel jLabel24;

private javax.swing.JLabel jLabel25;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JPanel jPanel1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField10;

private javax.swing.JTextField jTextField11;

private javax.swing.JTextField jTextField12;

private javax.swing.JTextField jTextField13;

private javax.swing.JTextField jTextField15;

private javax.swing.JTextField jTextField16;

private javax.swing.JTextField jTextField18;

private javax.swing.JTextField jTextField19;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private javax.swing.JTextField jTextField6;

private javax.swing.JTextField jTextField7;

private javax.swing.JTextField jTextField8;

private javax.swing.JTextField jTextField9;

private org.jdesktop.beansbinding.BindingGroup bindingGroup;

// End of variables declaration

}

**STAFF DETAILS**

import java.sql.\*;

import javax.swing.JOptionPane;

public class StaffMang extends javax.swing.JFrame {

Connection con;

Statement smt,smt1;

ResultSet rs,rs1,rs2;

String sid,spass,sfname,slname,sdesig,sadd,snum;

/\*CONSTRUCTOR OF CLASS WHERE DATABASE CONNECTION IS MADE AND

OBJECT OF RESULTSET AND STATEMENT IS CREATED\*/

public StaffMang() {

initComponents();

try

{

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

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/hotel","root","");

String query = "SELECT \* FROM login ORDER BY userid;";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception e)

{

e.printStackTrace();

System.out.println(e.getMessage());

}

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

bindingGroup = new org.jdesktop.beansbinding.BindingGroup();

jPanel2 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jPanel1 = new javax.swing.JPanel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jButton4 = new javax.swing.JButton();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jButton5 = new javax.swing.JButton();

jButton6 = new javax.swing.JButton();

jButton7 = new javax.swing.JButton();

jButton8 = new javax.swing.JButton();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jTextField3 = new javax.swing.JTextField();

jTextField4 = new javax.swing.JTextField();

jTextField5 = new javax.swing.JTextField();

jTextField6 = new javax.swing.JTextField();

jScrollPane1 = new javax.swing.JScrollPane();

jTextArea1 = new javax.swing.JTextArea();

jLabel9 = new javax.swing.JLabel();

jTextField7 = new javax.swing.JTextField();

jTextField8 = new javax.swing.JTextField();

jTextField9 = new javax.swing.JTextField();

jLabel10 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

jLabel12 = new javax.swing.JLabel();

jButton9 = new javax.swing.JButton();

jButton10 = new javax.swing.JButton();

jLabel13 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

setBounds(new java.awt.Rectangle(100, 50, 0, 0));

setResizable(false);

org.jdesktop.beansbinding.Binding binding = org.jdesktop.beansbinding.Bindings.createAutoBinding(org.jdesktop.beansbinding.AutoBinding.UpdateStrategy.READ\_WRITE, this, org.jdesktop.beansbinding.ELProperty.create("Hotel Reservation System"), this, org.jdesktop.beansbinding.BeanProperty.create("title"));

bindingGroup.addBinding(binding);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowOpened(java.awt.event.WindowEvent evt) {

formWindowOpened(evt);

}

});

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel2.setBackground(new java.awt.Color(241, 241, 255));

jPanel2.setOpaque(false);

jPanel2.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/tgbh-launch-quad-1024x768.jpg"))); // NOI18N

jPanel2.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(49, 0, 626, -1));

jPanel1.setBackground(new java.awt.Color(241, 241, 255));

jPanel1.setOpaque(false);

jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jButton1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton1.setText("New");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jPanel1.add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(402, 75, 91, 30));

jButton2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton2.setText("Edit");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jPanel1.add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(499, 76, 91, 29));

jButton3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton3.setText("Delete");

jButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton3ActionPerformed(evt);

}

});

jPanel1.add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(402, 116, 91, 30));

jButton4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton4.setText("Search");

jButton4.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton4ActionPerformed(evt);

}

});

jPanel1.add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(499, 116, 91, 30));

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel2.setText("Enter User ID");

jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(55, 14, -1, -1));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel3.setText("Enter Password");

jPanel1.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(55, 41, -1, -1));

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel4.setText("Re Enter Password");

jPanel1.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(55, 68, -1, -1));

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel5.setText("Enter First Name");

jPanel1.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(55, 122, -1, -1));

jLabel6.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel6.setText("Enter Last Name");

jPanel1.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(55, 152, -1, -1));

jLabel7.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel7.setText("Enter Contact No.");

jPanel1.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(55, 183, -1, -1));

jLabel8.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel8.setText("Enter Address");

jPanel1.add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(55, 207, -1, -1));

jButton5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton5.setText("First <<");

jButton5.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton5ActionPerformed(evt);

}

});

jPanel1.add(jButton5, new org.netbeans.lib.awtextra.AbsoluteConstraints(402, 13, 91, -1));

jButton6.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton6.setText("Previous <");

jButton6.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton6ActionPerformed(evt);

}

});

jPanel1.add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(499, 13, -1, -1));

jButton7.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton7.setText("Next >");

jButton7.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton7ActionPerformed(evt);

}

});

jPanel1.add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(402, 42, 91, -1));

jButton8.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton8.setText("Last >>");

jButton8.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton8ActionPerformed(evt);

}

});

jPanel1.add(jButton8, new org.netbeans.lib.awtextra.AbsoluteConstraints(499, 42, 91, -1));

jTextField1.setEditable(false);

jTextField1.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(176, 11, 194, -1));

jTextField2.setEditable(false);

jTextField2.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField2, new org.netbeans.lib.awtextra.AbsoluteConstraints(176, 38, 194, -1));

jTextField3.setEditable(false);

jTextField3.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField3, new org.netbeans.lib.awtextra.AbsoluteConstraints(176, 65, 194, -1));

jTextField4.setEditable(false);

jTextField4.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField4, new org.netbeans.lib.awtextra.AbsoluteConstraints(176, 92, 194, -1));

jTextField5.setEditable(false);

jTextField5.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField5, new org.netbeans.lib.awtextra.AbsoluteConstraints(176, 119, 194, -1));

jTextField6.setEditable(false);

jTextField6.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField6, new org.netbeans.lib.awtextra.AbsoluteConstraints(176, 149, 194, -1));

jTextArea1.setColumns(20);

jTextArea1.setEditable(false);

jTextArea1.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jTextArea1.setRows(5);

jScrollPane1.setViewportView(jTextArea1);

jPanel1.add(jScrollPane1, new org.netbeans.lib.awtextra.AbsoluteConstraints(176, 207, 194, 98));

jLabel9.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel9.setText("Enter Designation");

jPanel1.add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(55, 95, -1, -1));

jTextField7.setEditable(false);

jPanel1.add(jTextField7, new org.netbeans.lib.awtextra.AbsoluteConstraints(176, 181, 194, -1));

jPanel1.add(jTextField8, new org.netbeans.lib.awtextra.AbsoluteConstraints(484, 213, 123, -1));

jPanel1.add(jTextField9, new org.netbeans.lib.awtextra.AbsoluteConstraints(484, 239, 123, -1));

jLabel10.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel10.setText("Search Specific Staff by ");

jPanel1.add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(436, 188, -1, -1));

jLabel11.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel11.setText("User ID");

jPanel1.add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(430, 216, -1, -1));

jLabel12.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel12.setText(" Name");

jPanel1.add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(436, 242, -1, -1));

jButton9.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton9.setText("Close");

jButton9.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton9ActionPerformed(evt);

}

});

jPanel1.add(jButton9, new org.netbeans.lib.awtextra.AbsoluteConstraints(534, 277, 73, -1));

jButton10.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton10.setText("Search");

jButton10.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton10ActionPerformed(evt);

}

});

jPanel1.add(jButton10, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 277, 76, -1));

jPanel2.add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(49, 168, -1, -1));

getContentPane().add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

jLabel13.setIcon(new javax.swing.ImageIcon(getClass().getResource("/bi7.jpg"))); // NOI18N

getContentPane().add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 750, 490));

bindingGroup.bind();

setSize(new java.awt.Dimension(764, 530));

setLocationRelativeTo(null);

}// </editor-fold>

//FETCH THE VALUES FROM DATABASE TO TEXT FIELDS AND TEXT AREA

public final void displayRecord(){

try

{

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

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

jTextField4.setText(rs.getString(3));

jTextField5.setText(rs.getString(4));

jTextField6.setText(rs.getString(5));

jTextField7.setText(rs.getString(6));

jTextArea1.setText(rs.getString(7));

}

catch(Exception ec)

{}

}

//ENABLE TEXT FIELDS AND AREA

public void enableTextF(){

jTextField1.setEditable(true);

jTextField2.setEditable(true);

jTextField3.setEditable(true);

jTextField4.setEditable(true);

jTextField5.setEditable(true);

jTextField6.setEditable(true);

jTextField7.setEditable(true);

jTextArea1.setEditable(true);

}

//DISABLE TEXT FIELDS AND AREA

public void disableTextF(){

}

//CLEAR TEXT FIELDS AND AREA

public void clearTextF(){

try

{

jTextField1.setText(null);

jTextField2.setText(null);

jTextField4.setText(null);

jTextField5.setText(null);

jTextField6.setText(null);

jTextField7.setText(null);

jTextArea1.setText(null);

}

catch(Exception ec)

{}

}

//GET THE VALUES FROM TEXT FIELDS AND AREA

public void fetchFromTextF(){

sid=jTextField1.getText();

spass=jTextField2.getText();

sdesig=jTextField4.getText();

sfname=jTextField5.getText();

slname=jTextField6.getText();

snum=jTextField7.getText();

sadd=jTextArea1.getText();

}

//EDIT STAFF RECORD

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

enableTextF();

jTextField1.setEnabled(false);

jTextField2.setText(spass);

try{

if(evt.getActionCommand().equals("Update"))

{

fetchFromTextF();

int code=JOptionPane.showConfirmDialog(this,"Information of " + sfname + " will change in database.","Confirmation",JOptionPane.YES\_NO\_CANCEL\_OPTION,JOptionPane.INFORMATION\_MESSAGE);

if(code==JOptionPane.YES\_OPTION)

{

String updatequery="update login set userid = '"+sid+"',password='"+spass+"',Staffdesig='"+sdesig+"',StaffFName='"+sfname+"',StaffLName='"+slname+"',StaffAdd='"+sadd+"',StaffContactNo='"+snum+"' where userid like '"+sid+"';";

smt=con.createStatement();

int success=smt.executeUpdate(updatequery);

if(success>0)

{

JOptionPane.showMessageDialog(this, "Record Modified");

jButton1.setText("Edit");

}

else

{

JOptionPane.showMessageDialog(this, "Problem in mofifying. Retry");

}

}

else

{ }

}

else if(evt.getActionCommand().equals("Edit"))

{

JOptionPane.showMessageDialog(this, "You are about to change the existing information of current selected staff");

jButton2.setText("Update");

}

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

//SEARCH STAFF RECORD

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

disableTextF();

String seaID=jTextField8.getText();

String seaFN=jTextField9.getText();

String seaLN=jTextField9.getText();

if(seaID.equals("")&&seaFN.equals("")&&seaLN.equals(""))

{

JOptionPane.showMessageDialog(this, "Select at least 1 option for search");

}

else

{

if((!seaID.equals("")) && (!seaFN.equals("")) && (!seaLN.equals("")))

{

try{

String query = "SELECT \* FROM login where userid LIKE '"+seaID+"' AND StaffFName LIKE '"+seaFN+"' AND StaffLName LIKE '"+seaLN+"';";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

else if((!seaID.equals("")) && (!seaFN.equals("")) && seaLN.equals(""))

{

try{

String query = "SELECT \* FROM login where userid LIKE '"+seaID+"' AND StaffFName LIKE '"+seaFN+"';";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

else if((!seaID.equals("")) && seaFN.equals("") && (!seaLN.equals("")))

{

try{

String query = "SELECT \* FROM login where userid LIKE '"+seaID+"' AND StaffLName LIKE '"+seaLN+"';";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

else if(seaID.equals("") && (!seaFN.equals("")) && (!seaLN.equals("")))

{

try{

String query = "SELECT \* FROM login where StaffFName LIKE '"+seaFN+"' AND StaffLName LIKE '"+seaLN+"';";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

else if((!seaID.equals("")) && seaFN.equals("") && seaLN.equals(""))

{

try{

String query = "SELECT \* FROM login where userid LIKE '"+seaID+"';";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

else if(seaID.equals("") && (!seaFN.equals("")) && seaLN.equals(""))

{

try{

String query = "SELECT \* FROM login where StaffFName LIKE '"+seaFN+"';";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

else if(seaID.equals("") && seaFN.equals("") && (!seaLN.equals("")))

{

try{

String query = "SELECT \* FROM login where StaffLName LIKE '"+seaLN+"';";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

}

}

//MOVE ON LAST RECORD

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {

try

{

rs.last();

if(rs.isLast())

rs.last();

displayRecord();

}

catch(Exception ex) {}

}

//MOVE ON PREVIOUS RECORD

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

try

{

rs.previous();

if(rs.isFirst())

rs.first();

displayRecord();

}

catch(Exception ex) {}

}

//MOVE ON FIRST RECORD

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

try

{

rs.first();

if(rs.isFirst())

rs.first();

displayRecord();

}

catch(Exception ex) {}

}

//MOVE ON NEXT RECORD

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {

try

{

rs.next();

if(rs.isLast())

rs.last();

displayRecord();

}

catch(Exception ex) {}

}

//TOOL TIPS SETTING

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

jTextField1.setToolTipText("This is an Unique ID");

jTextField3.setToolTipText("Re Enter the same Password");

jButton4.setToolTipText("First select the option for searching");

jTextField8.setToolTipText("User ID is case sensitive");

jTextField9.setToolTipText("First Name is case sensitive");

jTextField9.setToolTipText("Last Name is case sensitive");

jButton3.setToolTipText("Current Selected Staff Record will be DELETED");

jButton9.setToolTipText("Close Window");

}

//ADD RECORD OF STAFF

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

try{

clearTextF();

enableTextF();

String query = "SELECT \* FROM login where userid like '"+jTextField1.getText()+"';";

smt=con.createStatement();

rs1=smt.executeQuery(query);

if(!rs1.next()){

try{

if(evt.getActionCommand().equals("Save"))

{

fetchFromTextF();

int code=JOptionPane.showConfirmDialog(this,"Information of " + sfname + " will be added in database.","Confirmation",JOptionPane.YES\_NO\_CANCEL\_OPTION,JOptionPane.INFORMATION\_MESSAGE);

if(code==JOptionPane.YES\_OPTION)

{

String insertquery="insert into login(userid,password,Staffdesig,StaffFName,StaffLName,StaffAdd,StaffContactNo)values('"+sid+"','"+spass+"','"+sdesig+"','"+sfname+"','"+slname+"','"+sadd+"','"+snum+"');";

smt=con.createStatement();

int success=smt.executeUpdate(insertquery);

if(success>0)

{

JOptionPane.showMessageDialog(this, "Record Saved");

jButton1.setText("New");

}

else

{

JOptionPane.showMessageDialog(this, "Problem in Saving. Retry");

}

}

else

{ }

}

else if(evt.getActionCommand().equals("New"))

{

clearTextF();

jButton1.setText("Save");

}

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

else

JOptionPane.showMessageDialog(this,"User ID already taken, Give another User ID");

}

catch(Exception ex)

{ }

}

//DELETE RECORD OF STAFF

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

jTextField3.setText(spass);

try{

if(evt.getActionCommand().equals("Confirm"))

{

fetchFromTextF();

int code=JOptionPane.showConfirmDialog(this,"Information of " + sfname + " will be deleted from database.","Confirmation",JOptionPane.YES\_NO\_CANCEL\_OPTION,JOptionPane.INFORMATION\_MESSAGE);

if(code==JOptionPane.YES\_OPTION)

{

String updatequery="DELETE from login where userid like '"+sid+"';";

smt=con.createStatement();

int success=smt.executeUpdate(updatequery);

if(success>0)

{

JOptionPane.showMessageDialog(this, "Record Deleted");

jButton1.setText("Delete");

}

else

{

JOptionPane.showMessageDialog(this, "Problem in deletion. Retry");

}

}

else

{ }

}

else if(evt.getActionCommand().equals("Delete"))

{

JOptionPane.showMessageDialog(this, "Your confirmation will delete the record of current selected staff");

jButton2.setText("Confirm");

}

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

//CLOSE BUTTON

private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {

this.dispose();

}

private void jButton10ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton10;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JButton jButton5;

private javax.swing.JButton jButton6;

private javax.swing.JButton jButton7;

private javax.swing.JButton jButton8;

private javax.swing.JButton jButton9;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JTextArea jTextArea1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private javax.swing.JTextField jTextField6;

private javax.swing.JTextField jTextField7;

private javax.swing.JTextField jTextField8;

private javax.swing.JTextField jTextField9;

private org.jdesktop.beansbinding.BindingGroup bindingGroup;

// End of variables declaration

}

**ROOM DETAILS**

import java.sql.\*;

import javax.swing.JOptionPane;

public class RoomMang extends javax.swing.JFrame {

Connection con;

Statement smt,smt1;

ResultSet rs,rs1,rs2;

String rno,rtype,rbed;

int rrate;

public RoomMang() {

initComponents();

try

{

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

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/hotel","root","");

String query = "SELECT \* FROM roomdetail ORDER BY room\_no;";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception e)

{

e.printStackTrace();

System.out.println(e.getMessage());

}

}

//FETCH THE VALUES FROM DATABASE TO TEXT FIELDS AND TEXT AREA

public final void displayRecord(){

try

{

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

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

jTextField3.setText(Integer.toString(rs.getInt(3)));

jTextField4.setText(rs.getString(4));

}

catch(Exception ec)

{}

}

//GET THE VALUES FROM TEXT FIELDS AND AREA

public void fetchFromTextF(){

rno=jTextField1.getText();

rtype=jTextField2.getText();

rrate=Integer.parseInt(jTextField3.getText());

rbed=jTextField4.getText();

}

//DISABLE TEXT FIELDS AND AREA

public void disableTextF(){

jTextField1.setEditable(false);

jTextField2.setEditable(false);

jTextField3.setEditable(false);

jTextField4.setEditable(false);

}

//CLEAR TEXT FIELDS AND AREA

public void clearTextF(){

try

{

jTextField1.setText(null);

jTextField2.setText(null);

jTextField3.setText(null);

jTextField4.setText(null);

}

catch(Exception ec)

{}

}

//ENABLE TEXT FIELDS AND AREA

public void enableTextF(){

jTextField1.setEditable(true);

jTextField2.setEditable(true);

jTextField3.setEditable(true);

jTextField4.setEditable(true);

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

bindingGroup = new org.jdesktop.beansbinding.BindingGroup();

jPanel1 = new javax.swing.JPanel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel4 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jButton5 = new javax.swing.JButton();

jButton7 = new javax.swing.JButton();

jButton8 = new javax.swing.JButton();

jButton6 = new javax.swing.JButton();

jTextField3 = new javax.swing.JTextField();

jTextField4 = new javax.swing.JTextField();

jButton4 = new javax.swing.JButton();

jTextField5 = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jButton9 = new javax.swing.JButton();

jLabel6 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

setBounds(new java.awt.Rectangle(250, 60, 0, 0));

setResizable(false);

org.jdesktop.beansbinding.Binding binding = org.jdesktop.beansbinding.Bindings.createAutoBinding(org.jdesktop.beansbinding.AutoBinding.UpdateStrategy.READ\_WRITE, this, org.jdesktop.beansbinding.ELProperty.create("Hotel Reservation System "), this, org.jdesktop.beansbinding.BeanProperty.create("title"));

bindingGroup.addBinding(binding);

jPanel1.setBackground(new java.awt.Color(241, 241, 255));

jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel2.setText("Room No.");

jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(149, 254, -1, -1));

jLabel3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel3.setText("<html>Room Type (AC/NON AC)</html>");

jPanel1.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(62, 286, -1, -1));

jLabel4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel4.setText("Room Rate");

jPanel1.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(143, 318, -1, -1));

jLabel5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jLabel5.setText("<html>Bed Type (Single/Double)</html>");

jPanel1.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(62, 350, -1, -1));

jTextField1.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(228, 251, 117, -1));

jTextField2.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField2, new org.netbeans.lib.awtextra.AbsoluteConstraints(228, 283, 117, -1));

jButton5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton5.setText("First <<");

jButton5.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton5ActionPerformed(evt);

}

});

jPanel1.add(jButton5, new org.netbeans.lib.awtextra.AbsoluteConstraints(462, 267, 100, -1));

jButton7.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton7.setText("Next >");

jButton7.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton7ActionPerformed(evt);

}

});

jPanel1.add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 300, 91, -1));

jButton8.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton8.setText("Last >>");

jButton8.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton8ActionPerformed(evt);

}

});

jPanel1.add(jButton8, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 270, 90, -1));

jButton6.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton6.setText("Previous <");

jButton6.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton6ActionPerformed(evt);

}

});

jPanel1.add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(460, 300, 100, -1));

jTextField3.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField3, new org.netbeans.lib.awtextra.AbsoluteConstraints(228, 315, 117, -1));

jTextField4.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField4, new org.netbeans.lib.awtextra.AbsoluteConstraints(228, 347, 117, -1));

jButton4.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton4.setText("Search");

jButton4.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton4ActionPerformed(evt);

}

});

jPanel1.add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(462, 326, 100, -1));

jPanel1.add(jTextField5, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 330, 91, -1));

jButton1.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton1.setText("New");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jPanel1.add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(379, 267, 77, -1));

jButton2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton2.setText("Update");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jPanel1.add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(379, 296, -1, -1));

jButton3.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton3.setText("Delete");

jButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton3ActionPerformed(evt);

}

});

jPanel1.add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(379, 325, 77, -1));

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/tgbh-launch-quad-1024x768.jpg"))); // NOI18N

jPanel1.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(51, 21, -1, -1));

jButton9.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton9.setText("CLOSE");

jButton9.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton9ActionPerformed(evt);

}

});

jPanel1.add(jButton9, new org.netbeans.lib.awtextra.AbsoluteConstraints(522, 436, 132, -1));

jLabel6.setIcon(new javax.swing.ImageIcon(getClass().getResource("/bi7.jpg"))); // NOI18N

jPanel1.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 760, 490));

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

);

bindingGroup.bind();

setSize(new java.awt.Dimension(767, 530));

setLocationRelativeTo(null);

}// </editor-fold>

//MOVE ON FIRST ROOM

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.first();

if (rs.isFirst()) {

rs.first();

}

displayRecord();

} catch (Exception ex) {

}

}

//MOVE ON NEXT ROOM

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.next();

if (rs.isLast()) {

rs.last();

}

displayRecord();

} catch (Exception ex) {

}

}

//MOVE ON LAST ROOM

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.last();

if (rs.isLast()) {

rs.last();

}

displayRecord();

} catch (Exception ex) {

}

}

//MOVE ON PREVIOUS ROOM

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.previous();

if (rs.isFirst()) {

rs.first();

}

displayRecord();

} catch (Exception ex) {

}

}

//ADD NEW ROOM

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

try {

clearTextF();

enableTextF();

String query = "SELECT \* FROM roomdetail where room\_no like '" + jTextField1.getText() + "';";

smt = con.createStatement();

rs1 = smt.executeQuery(query);

if (!rs1.next()) {

try {

if (evt.getActionCommand().equals("Save")) {

fetchFromTextF();

int code = JOptionPane.showConfirmDialog(this, "Information of Room No." + rno + " will be added in database.", "Confirmation", JOptionPane.YES\_NO\_CANCEL\_OPTION, JOptionPane.INFORMATION\_MESSAGE);

if (code == JOptionPane.YES\_OPTION) {

String insertquery = "insert into roomdetail(room\_no,room\_type,room\_rate,room\_bed)values('" + jTextField1.getText() + "','" + jTextField2.getText() + "'," + jTextField3.getText() + ",'" + jTextField4.getText() + "');";

smt = con.createStatement();

int success = smt.executeUpdate(insertquery);

if (success > 0) {

JOptionPane.showMessageDialog(this, "Record Saved");

jButton1.setText("New");

} else {

JOptionPane.showMessageDialog(this, "Problem in Saving. Retry");

}

} else {

}

} else if (evt.getActionCommand().equals("New")) {

clearTextF();

jButton1.setText("Save");

}

} catch (Exception ex) {

ex.printStackTrace();

}

} else {

JOptionPane.showMessageDialog(this, "Room No. already used, Give another Room No.");

}

} catch (Exception ex) {

}

}

//EDIT AND UPDATE EXISTING ROOM

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

enableTextF();

jTextField1.setEnabled(false);

try {

if (evt.getActionCommand().equals("Update")) {

fetchFromTextF();

int code = JOptionPane.showConfirmDialog(this, "Information of Room No." + rno + " will change in database.", "Confirmation", JOptionPane.YES\_NO\_CANCEL\_OPTION, JOptionPane.INFORMATION\_MESSAGE);

if (code == JOptionPane.YES\_OPTION) {

String updatequery = "update roomdetail set room\_no = '" + rno + "',room\_type='" + rtype + "',room\_rate=" + rrate + ",room\_bed='" + rbed + "';";

smt = con.createStatement();

int success = smt.executeUpdate(updatequery);

if (success > 0) {

JOptionPane.showMessageDialog(this, "Record Modified");

jButton1.setText("Edit");

} else {

JOptionPane.showMessageDialog(this, "Problem in mofifying. Retry");

}

} else {

}

} else if (evt.getActionCommand().equals("Edit")) {

JOptionPane.showMessageDialog(this, "You are about to change the existing information of current selected room");

jButton2.setText("Update");

}

} catch (Exception ex) {

ex.printStackTrace();

}

}

//DELETE EXISTING ROOM

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

try {

if (evt.getActionCommand().equals("Confirm")) {

fetchFromTextF();

int code = JOptionPane.showConfirmDialog(this, "Room No" + rno + " will be deleted from database.", "Confirmation", JOptionPane.YES\_NO\_CANCEL\_OPTION, JOptionPane.INFORMATION\_MESSAGE);

if (code == JOptionPane.YES\_OPTION) {

String updatequery = "DELETE from roomdetail where room\_no like '" + rno + "';";

smt = con.createStatement();

int success = smt.executeUpdate(updatequery);

if (success > 0) {

JOptionPane.showMessageDialog(this, "Record Deleted");

jButton1.setText("Delete");

} else {

JOptionPane.showMessageDialog(this, "Problem in deletion. Retry");

}

} else {

}

} else if (evt.getActionCommand().equals("Delete")) {

JOptionPane.showMessageDialog(this, "Your confirmation will delete the record of current selected room");

jButton2.setText("Confirm");

}

} catch (Exception ex) {

ex.printStackTrace();

}

}

//SEARCH ROOM NO

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

disableTextF();

String srno=jTextField5.getText();

if(rno.equals(""))

{

JOptionPane.showMessageDialog(this, "Enter Room No. you want to search");

}

else if(!rno.equals(""))

{

try{

String query = "SELECT \* FROM roomdetail where room\_no LIKE '"+srno+"';";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception ex)

{

ex.printStackTrace();

}

}

}

private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

dispose();

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JButton jButton5;

private javax.swing.JButton jButton6;

private javax.swing.JButton jButton7;

private javax.swing.JButton jButton8;

private javax.swing.JButton jButton9;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JPanel jPanel1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField3;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private org.jdesktop.beansbinding.BindingGroup bindingGroup;

// End of variables declaration

}

**BOOKING DETAILS**

import java.sql.\*;

import javax.swing.JOptionPane;

public class BookingMang extends javax.swing.JFrame {

Connection con;

Statement smt,smt1,smt10;

ResultSet rs,rs1,rs2,rs10;

public BookingMang() {

initComponents();

try

{

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

con = DriverManager.getConnection("jdbc:mysql://localhost:3306/hotel","root","");

String query = "SELECT \* FROM bookingtable ORDER BY book\_id;";

smt=con.createStatement();

rs=smt.executeQuery(query);

rs.next();

displayRecord();

}

catch(Exception e)

{

e.printStackTrace();

System.out.println(e.getMessage());

}

}

public final void displayRecord(){

try

{

jTextField1.setText(Integer.toString(rs.getInt(1)));

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

jTextField4.setText(Integer.toString(rs.getInt(5)));

jTextField5.setText(rs.getString(3));

jTextField6.setText(rs.getString(4));

}

catch(Exception e)

{

}

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

bindingGroup = new org.jdesktop.beansbinding.BindingGroup();

jPanel1 = new javax.swing.JPanel();

jLabel2 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jTextField1 = new javax.swing.JTextField();

jTextField2 = new javax.swing.JTextField();

jTextField4 = new javax.swing.JTextField();

jTextField5 = new javax.swing.JTextField();

jTextField6 = new javax.swing.JTextField();

jButton5 = new javax.swing.JButton();

jButton7 = new javax.swing.JButton();

jButton8 = new javax.swing.JButton();

jButton6 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

jButton9 = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

setBounds(new java.awt.Rectangle(250, 70, 0, 0));

setResizable(false);

org.jdesktop.beansbinding.Binding binding = org.jdesktop.beansbinding.Bindings.createAutoBinding(org.jdesktop.beansbinding.AutoBinding.UpdateStrategy.READ\_WRITE, this, org.jdesktop.beansbinding.ELProperty.create("Hotel Reservation System"), this, org.jdesktop.beansbinding.BeanProperty.create("title"));

bindingGroup.addBinding(binding);

getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jPanel1.setBackground(new java.awt.Color(241, 241, 255));

jPanel1.setOpaque(false);

jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel2.setText("Book ID");

jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(113, 254, -1, -1));

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel3.setText("Room No.");

jPanel1.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(113, 281, -1, -1));

jLabel5.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel5.setText("No. of Days");

jPanel1.add(jLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(113, 313, -1, -1));

jLabel6.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel6.setText("Booked From");

jPanel1.add(jLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(113, 340, -1, -1));

jLabel7.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jLabel7.setText("Booked To");

jPanel1.add(jLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(113, 367, -1, -1));

jTextField1.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(201, 251, 182, -1));

jTextField2.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField2, new org.netbeans.lib.awtextra.AbsoluteConstraints(201, 278, 182, -1));

jTextField4.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField4, new org.netbeans.lib.awtextra.AbsoluteConstraints(201, 310, 182, -1));

jTextField5.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField5, new org.netbeans.lib.awtextra.AbsoluteConstraints(201, 337, 182, -1));

jTextField6.setFont(new java.awt.Font("Tahoma", 0, 12)); // NOI18N

jPanel1.add(jTextField6, new org.netbeans.lib.awtextra.AbsoluteConstraints(201, 364, 182, -1));

jButton5.setBackground(new java.awt.Color(255, 204, 0));

jButton5.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton5.setText("First <<");

jButton5.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton5ActionPerformed(evt);

}

});

jPanel1.add(jButton5, new org.netbeans.lib.awtextra.AbsoluteConstraints(421, 290, 100, -1));

jButton7.setBackground(new java.awt.Color(255, 204, 0));

jButton7.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton7.setText("Next >");

jButton7.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton7ActionPerformed(evt);

}

});

jPanel1.add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(530, 260, 91, -1));

jButton8.setBackground(new java.awt.Color(255, 204, 0));

jButton8.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton8.setText("Last >>");

jButton8.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton8ActionPerformed(evt);

}

});

jPanel1.add(jButton8, new org.netbeans.lib.awtextra.AbsoluteConstraints(530, 290, 91, -1));

jButton6.setBackground(new java.awt.Color(255, 204, 0));

jButton6.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton6.setText("Previous <");

jButton6.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton6ActionPerformed(evt);

}

});

jPanel1.add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 260, -1, -1));

jButton2.setBackground(new java.awt.Color(255, 204, 0));

jButton2.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton2.setText("Cancel Booking");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jPanel1.add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(427, 340, 192, 31));

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/tgbh-launch-quad-1024x768.jpg"))); // NOI18N

jPanel1.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(45, 23, -1, -1));

jButton9.setBackground(new java.awt.Color(255, 204, 0));

jButton9.setFont(new java.awt.Font("Tahoma", 1, 12)); // NOI18N

jButton9.setText("CLOSE");

jButton9.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton9ActionPerformed(evt);

}

});

jPanel1.add(jButton9, new org.netbeans.lib.awtextra.AbsoluteConstraints(617, 435, 77, 31));

jLabel4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/bi7.jpg"))); // NOI18N

jPanel1.add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 710, 490));

getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

bindingGroup.bind();

setSize(new java.awt.Dimension(728, 530));

setLocationRelativeTo(null);

}// </editor-fold>

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.first();

if (rs.isFirst()) {

rs.first();

}

displayRecord();

} catch (Exception ex) {

}

}

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.next();

if (rs.isLast()) {

rs.last();

}

displayRecord();

} catch (Exception ex) {

}

}

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.last();

if (rs.isLast()) {

rs.last();

}

displayRecord();

} catch (Exception ex) {

}

}

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

try {

rs.previous();

if (rs.isFirst()) {

rs.first();

}

displayRecord();

} catch (Exception ex) {

}

}

private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

dispose();

}

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

int a = JOptionPane.showConfirmDialog(null, "Wana Cancel booking for Sure ?");

if (a == JOptionPane.YES\_OPTION) {

try {

smt10 = con.createStatement();

String qry = "DELETE FROM bookingtable WHERE book\_id = " + jTextField1.getText() + ";";

smt10.executeUpdate(qry);

JOptionPane.showMessageDialog(null, "Booking Cancelled SucessFully");

} catch (Exception e) {

JOptionPane.showMessageDialog(null, "Error Occured During Cancelation !");

}

}

jTextField1.setText(null);

jTextField2.setText(null);

jTextField4.setText(null);

jTextField5.setText(null);

jTextField6.setText(null);

}

// Variables declaration - do not modify

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton5;

private javax.swing.JButton jButton6;

private javax.swing.JButton jButton7;

private javax.swing.JButton jButton8;

private javax.swing.JButton jButton9;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JPanel jPanel1;

private javax.swing.JTextField jTextField1;

private javax.swing.JTextField jTextField2;

private javax.swing.JTextField jTextField4;

private javax.swing.JTextField jTextField5;

private javax.swing.JTextField jTextField6;

private org.jdesktop.beansbinding.BindingGroup bindingGroup;

// End of variables declaration

}

**NAVIGATION FRAME**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*NAVIGATION FRAME**

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

public class NavigationFrame extends javax.swing.JFrame {

/\*\*

\* Creates new form NavigationFrame

\*/

public NavigationFrame(login O) {

O.setVisible(false);

initComponents();

}

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

bindingGroup = new org.jdesktop.beansbinding.BindingGroup();

jPanel2 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jButton3 = new javax.swing.JButton();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton5 = new javax.swing.JButton();

jButton4 = new javax.swing.JButton();

jButton6 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setBounds(new java.awt.Rectangle(100, 100, 0, 0));

setResizable(false);

org.jdesktop.beansbinding.Binding binding = org.jdesktop.beansbinding.Bindings.createAutoBinding(org.jdesktop.beansbinding.AutoBinding.UpdateStrategy.READ\_WRITE, this, org.jdesktop.beansbinding.ELProperty.create("Hotel Reservation System || www.ezindagi.in ||"), this, org.jdesktop.beansbinding.BeanProperty.create("title"));

bindingGroup.addBinding(binding);

addWindowListener(new java.awt.event.WindowAdapter() {

public void windowOpened(java.awt.event.WindowEvent evt) {

formWindowOpened(evt);

}

});

jPanel2.setBackground(new java.awt.Color(241, 241, 255));

jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/top-aboutus.png"))); // NOI18N

jButton3.setFont(new java.awt.Font("Tahoma", 1, 14));

jButton3.setText("Room Booking");

jButton3.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton3ActionPerformed(evt);

}

});

jButton1.setFont(new java.awt.Font("Tahoma", 1, 14));

jButton1.setText("Staff Management");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jButton2.setFont(new java.awt.Font("Tahoma", 1, 14));

jButton2.setText("Room Management");

jButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton2ActionPerformed(evt);

}

});

jButton5.setFont(new java.awt.Font("Tahoma", 1, 14));

jButton5.setText("Visitor Management");

jButton5.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton5ActionPerformed(evt);

}

});

jButton4.setFont(new java.awt.Font("Tahoma", 1, 14));

jButton4.setText("Exit Application");

jButton4.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton4ActionPerformed(evt);

}

});

jButton6.setFont(new java.awt.Font("Tahoma", 1, 14));

jButton6.setText("Booking Management");

jButton6.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton6ActionPerformed(evt);

}

});

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(72, 72, 72)

.addComponent(jLabel1)

.addGap(80, 80, 80))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()

.addGap(177, 177, 177)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

.addComponent(jButton4, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 428, Short.MAX\_VALUE)

.addComponent(jButton5, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 428, Short.MAX\_VALUE)

.addComponent(jButton1, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 428, Short.MAX\_VALUE)

.addComponent(jButton2, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 428, Short.MAX\_VALUE)

.addComponent(jButton6, javax.swing.GroupLayout.Alignment.LEADING, javax.swing.GroupLayout.DEFAULT\_SIZE, 428, Short.MAX\_VALUE)

.addComponent(jButton3, javax.swing.GroupLayout.DEFAULT\_SIZE, 428, Short.MAX\_VALUE))

.addGap(174, 174, 174))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton6, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 34, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton5, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(18, 18, 18)

.addComponent(jButton4, javax.swing.GroupLayout.PREFERRED\_SIZE, 33, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(181, Short.MAX\_VALUE))

);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

bindingGroup.bind();

java.awt.Dimension screenSize = java.awt.Toolkit.getDefaultToolkit().getScreenSize();

setBounds((screenSize.width-750)/2, (screenSize.height-530)/2, 750, 530);

}// </editor-fold>

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

jButton1.setToolTipText("Add/ Edit/Remove Hotel Staff");

jButton2.setToolTipText("Add/ Edit/Remove Hotel Room");

jButton3.setToolTipText("Check Room is Available or Not");

jButton4.setToolTipText("Close the application");

}

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

StaffMang sm=new StaffMang();

sm.setVisible(true);

}

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

RoomMang rm=new RoomMang();

rm.setVisible(true);

}

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

Availability avail=new Availability();

avail.setVisible(true);

}

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {

CustomerMang cm=new CustomerMang();

cm.setVisible(true);

}

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

System.exit(0);

}

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {

BookingMang bm=new BookingMang();

bm.setVisible(true);

}

// Variables declaration - do not modify

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JButton jButton5;

private javax.swing.JButton jButton6;

private javax.swing.JLabel jLabel1;

private javax.swing.JPanel jPanel2;

private org.jdesktop.beansbinding.BindingGroup bindingGroup;

// End of variables declaration

}

**BIBLOGRAPHY**

**Book : INFORMATICS PRACTICES**

**Writtten by:**

1. **Sumita Arora 12th IP**
2. **Oxford 12th IP**