AIM OF THE PROJECT

This project has been made for storing stock and customer records like booking number, name, contact number, check-in date, check-out date, charges for room etc. It contains addition, modification, deletion and searching of bills, generation of invoice as per requirements. Total amount is calculated automatically.

The main aim of my project is to book room easily and create invoice as per the entered booking number by the user. It helps to store the records of customer in particular tables and these record can be easily accessed by any person in fast manner.

STRUCTURE OF TABLE

Desc Login;

Field	Type	Null	Key	Default	Extra
Username	Varchar(20)	NO	PRI	NULL	
Password	Varchar(10)	YES		NULL	

Desc bookings;
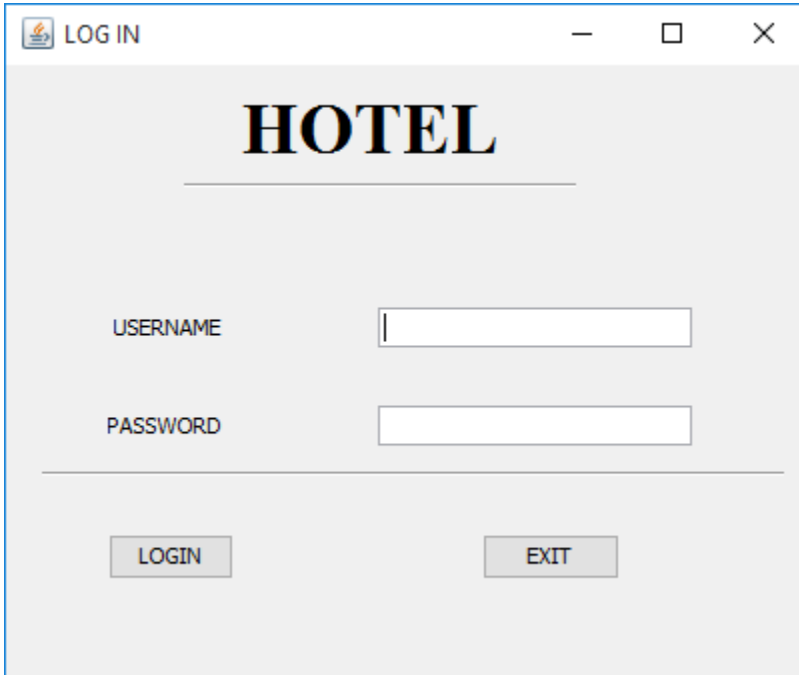
Field	Type	Null	Key	Default	Extra
Bookingno	Char(4)	NO	PRI	NULL	
NAME	Varchar(30)	YES		NULL	
CONTACT	Char(10)	YES		NULL	
ROOMNO	Char(4)	YES		NULL	
CHECK_IN	Date	YES		NULL	
CHECK_OUT	Date	YES		NULL	
AMT	int(8)	YES		NULL	

Desc room;

Field	Type	Null	Key	Default	Extra
Roomno	Char(4)	NO	PRI	NULL	
Roomtype	Varchar(30)	YES		NULL	
Status	Varchar(15)	YES		NULL	
Rate	int(4)	YES		NULL	

SOURCE CODE

1.LOG IN

On Top:

import javax.swing.JOptionPane;

import java.sql.*;

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

  // TODO add your handling code here:

    String U=jTextField1.getText();

    String P=new String(jPasswordField1.getPassword());

    if (U.isEmpty())

    {

     JOptionPane.showMessageDialog(this,"Username Not enterd");

    }

    else if (P.isEmpty())

    {

     JOptionPane.showMessageDialog(this,"Password Not enterd");

    }

    else

    {

     try

      {

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

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

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

String A="SELECT PASSWORD FROM LOGIN WHERE
USERNAME='"+U+"';";

ResultSet rs=stmt.executeQuery(A);

while(rs.next())

{

 String B=rs.getString("PASSWORD");

 if (P.equals(B))

  {

    this.setVisible(false);

    new HOME().setVisible(true);

  }

  else

  {

    JOptionPane.showMessageDialog(this,"Incorrect Username or
Password");

  }

 }

 }

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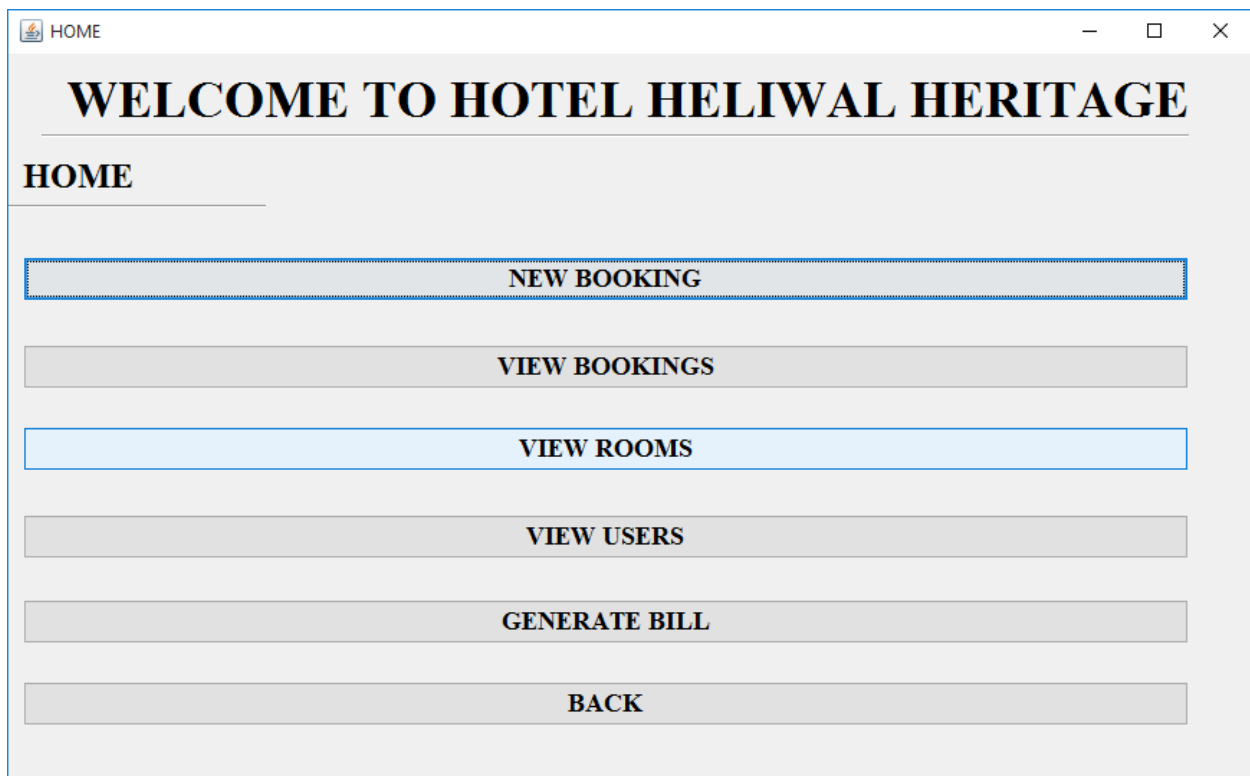
```
            {
                JOptionPane.showMessageDialog(this,e.getMessage());
            }
        }
    }

private void jButton2ActionPerformed(java.awt.event.ActionEvent
evt) {
        // TODO add your handling code here:
        System.exit(0);
    }
```

2.HOME

On Top:

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

    // TODO add your handling code here:

    this .setVisible(false);

    new LOGIN().setVisible(true);

}


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

    // TODO add your handling code here:

    this.setVisible(false);

    new USERLIST().setVisible(true);

}


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

    // TODO add your handling code here:

     this.setVisible(false);

    new ROOMS().setVisible(true);

}
```

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

        // TODO add your handling code here:

        this.setVisible(false);

        new BOOKINGS().setVisible(true);

    }


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

        // TODO add your handling code here:

        this.setVisible(false);

        new NEWBOOKING().setVisible(true);

    }


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

        // TODO add your handling code here:

        this.setVisible(false);

        new BILL().setVisible(true);

    }
```

3.NEW BOOKING

On Top:

import javax.swing.JOptionPane;

import java.sql.*;

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

    // TODO add your handling code here:

    String B=jTextField1.getText();

    String N=jTextField2.getText();

    String C=jTextField3.getText();

    String R=jTextField4.getText();

    String I=jTextField6.getText();


    if (B.isEmpty())

        JOptionPane.showMessageDialog(null," Booking No not Entered");

    else if (N.isEmpty())

        JOptionPane.showMessageDialog(null," Name not Entered");

    else if (C.isEmpty())

        JOptionPane.showMessageDialog(null,"Contact Info not Entered");

    else if (R.isEmpty())

        JOptionPane.showMessageDialog(null,"Room No. not Entered");

    else if (I.isEmpty())
```

```java
JOptionPane.showMessageDialog(null,"Check-In date not Entered");

  else

    try

  {

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

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

    Statement stmt=con.createStatement();

    String          A="INSERT          INTO          BOOKINGS
VALUES('"+B+"','"+N+"','"+C+"','"+R+"','"+I+"',NULL,00);";

    String D="UPDATE ROOM SET STATUS='NOT AVAILABLE' WHERE
ROOMNO='"+R+"';";

    String    E="SELECT    STATUS    FROM    ROOM    WHERE
ROOMNO='"+R+"';";


    ResultSet rs=stmt.executeQuery(E);

    while(rs.next())

    {

    String F=rs.getString("STATUS");

    if (F.equals("NOT AVAILABLE"))
```

```java
        {

        JOptionPane.showMessageDialog(this,"ROOM ALREADY BOOKED");

        }

        else

        {

          stmt.executeUpdate(A);

          stmt.executeUpdate(D)

JOptionPane.showMessageDialog(this,"you have succesfully booked
the room");

        }

        }

}

    catch(Exception e)

    {

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

    }

}
```

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

        // TODO add your handling code here:

        this.setVisible(false);

        new HOME().setVisible(true);

    }




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

        // TODO add your handling code here:

        this.setVisible(false);

        new BILL().setVisible(true);

    }




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

        // TODO add your handling code here:

        jTextField1.setText("");

        jTextField2.setText("");

        jTextField3.setText("");
```

```java
        jTextField4.setText("");

        jTextField5.setText("");

        jTextField6.setText("");


        jComboBox1.setSelectedIndex(-1);


    }


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

        // TODO add your handling code here:

        System.exit(0);

    }

private void jComboBox1ItemStateChanged(java.awt.event.ItemEvent evt) {

        // TODO add your handling code here:

         String room=(String) jComboBox1.getSelectedItem();

        {

           if (room=="SINGLE EXECUTIVE")

           jTextField5.setText(""+3999);
```

```java
else if (room=="DOUBLE EXECUTIVE")

    jTextField5.setText(""+4999);

else if (room=="SINGLE CLUBE")

    jTextField5.setText(""+4499);


else if (room=="DOUBLE CLUBE")

    jTextField5.setText(""+5499);


else if (room=="SINGLE SUPERIOR")

    jTextField5.setText(""+4999);


else if (room=="DOUBLE SUPERIOR")

    jTextField5.setText(""+5999);


else if (room=="SINGLE KNIGHT")

    jTextField5.setText(""+5999);


else if (room=="DOUBLE KNIGHT")

    jTextField5.setText(""+6999);
```

```java
    else if (room=="SINGLE SUITE")

        jTextField5.setText(""+7499);


    else if (room=="DOUBLE SUITE")

        jTextField5.setText(""+7499);

}

    try

  {

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

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

    Statement stmt=con.createStatement();

    String    A="SELECT    ROOMNO    FROM    ROOM    WHERE
STATUS='AVAILABLE' AND ROOMTYPE='"+room+"';";

    ResultSet rs=stmt.executeQuery(A);

    while(rs.next())

    {

    String B=rs.getString("ROOMNO");
```

```java
if (B.isEmpty())

{

    JOptionPane.showMessageDialog(this,"no more rooms in this category");

}

else

{

jTextField4.setText(B);

}

}


}

catch(Exception e)

{

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

}


}
```

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

    // TODO add your handling code here:

    jComboBox1.setSelectedIndex(-1);



    }
```

4.VIEW BOOKINGS

On Top:

import javax.swing.JOptionPane;

import java.sql.*;

import javax.swing.table.DefaultTableModel;

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

    // TODO add your handling code here:

    DefaultTableModel model = (DefaultTableModel)jTable1.getModel();

    try

    {

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

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

    Statement stmt=con.createStatement();

    String query="SELECT * FROM BOOKINGS;";

    ResultSet rs=stmt.executeQuery(query);

    while(rs.next())

```java
            {
                String B =rs.getString("BOOKINGNO");

                String N =rs.getString("NAME");

                String C =rs.getString("CONTACT");

                String R =rs.getString("ROOMNO");

                String D =rs.getString("CHECK_IN");

                String d =rs.getString("CHECK_OUT");

                String A =rs.getString("AMT");

                model.addRow(new Object[]{B,N,C,R,D,d,A});

            }

        }

    catch(Exception e)

        {

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

        }


}
```

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

        // TODO add your handling code here:

        this.setVisible(false);

            new HOME().setVisible(true);

    }


    private void
jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {

        // TODO add your handling code here:

        String name=jTextField1.getText();

        DefaultTableModel                     model                     =
(DefaultTableModel)jTable1.getModel();


        try

        {

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

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

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

```java
        String    query="SELECT    *    FROM    BOOKINGS    WHERE
NAME='"+name+"';";

        ResultSet rs=stmt.executeQuery(query);

        while(rs.next())

        {

         String B =rs.getString("BOOKINGNO");

         String N =rs.getString("NAME");

         String C =rs.getString("CONTACT");

         String R =rs.getString("ROOMNO");

         String D =rs.getString("CHECK_IN");

         String d =rs.getString("CHECK_OUT");

         String A =rs.getString("AMT");

         model.addRow(new Object[]{B,N,C,R,D,d,A});

        }

       }

      catch(Exception e)

      {

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

      }

   }
```

```java
    private void
jTextField2ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

    String room=jTextField2.getText();

    DefaultTableModel                    model                    =
(DefaultTableModel)jTable1.getModel();


    try

    {

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

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

    Statement stmt=con.createStatement();

    String    query="SELECT    *    FROM    BOOKINGS    WHERE
ROOMNO='"+room+"';";

    ResultSet rs=stmt.executeQuery(query);

    while(rs.next())

    {

    String B =rs.getString("BOOKINGNO");
```

```java
        String N =rs.getString("NAME");

        String C =rs.getString("CONTACT");

        String R =rs.getString("ROOMNO");

        String D =rs.getString("CHECK_IN");

        String d =rs.getString("CHECK_OUT");

        String A =rs.getString("AMT");

        model.addRow(new Object[]{B,N,C,R,D,d,A});

       }

       }

      catch(Exception e)

      {

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

      }

}


    private void
jTextField3ActionPerformed(java.awt.event.ActionEvent evt) {

        // TODO add your handling code here:

        String in=jTextField3.getText();
```

```java
        DefaultTableModel                model                =
(DefaultTableModel)jTable1.getModel();


    try

     {

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

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

      Statement stmt=con.createStatement();

      String    query="SELECT    *    FROM    BOOKINGS    WHERE
CHECK_IN='"+in+"';";

      ResultSet rs=stmt.executeQuery(query);

      while(rs.next())

      {

       String B =rs.getString("BOOKINGNO");

       String N =rs.getString("NAME");

       String C =rs.getString("CONTACT");

       String R =rs.getString("ROOMNO");

       String D =rs.getString("CHECK_IN");

       String d =rs.getString("CHECK_OUT");
```

```java
        String A =rs.getString("AMT");

        model.addRow(new Object[]{B,N,C,R,D,d,A});

         }

         }

    catch(Exception e)

    {

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

    }

}


   private void
jTextField4ActionPerformed(java.awt.event.ActionEvent evt) {

      // TODO add your handling code here:

      String out=jTextField4.getText();

       DefaultTableModel                    model                        =
(DefaultTableModel)jTable1.getModel();


      try

      {

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

```java
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/HOTE
L","root","IP");

        Statement stmt=con.createStatement();

        String    query="SELECT    *    FROM    BOOKINGS    WHERE
CHECK_OUT='"+out+"';";

        ResultSet rs=stmt.executeQuery(query);

        while(rs.next())

        {

        String B =rs.getString("BOOKINGNO");

        String N =rs.getString("NAME");

        String C =rs.getString("CONTACT");

        String R =rs.getString("ROOMNO");

        String D =rs.getString("CHECK_IN");

        String d =rs.getString("CHECK_OUT");

        String A =rs.getString("AMT");

        model.addRow(new Object[]{B,N,C,R,D,d,A});

        }

        }

      catch(Exception e)
```

```java
        {

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

        }



    }



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

        // TODO add your handling code here:

        DefaultTableModel                    model                    =
(DefaultTableModel)jTable1.getModel();

        int rows=model.getRowCount();

        if(rows>0)

        {

            for(int i=0;i<rows;i++)

                model.removeRow(0);

        }

        jTextField1.setText("");

        jTextField2.setText("");

        jTextField3.setText("");
```
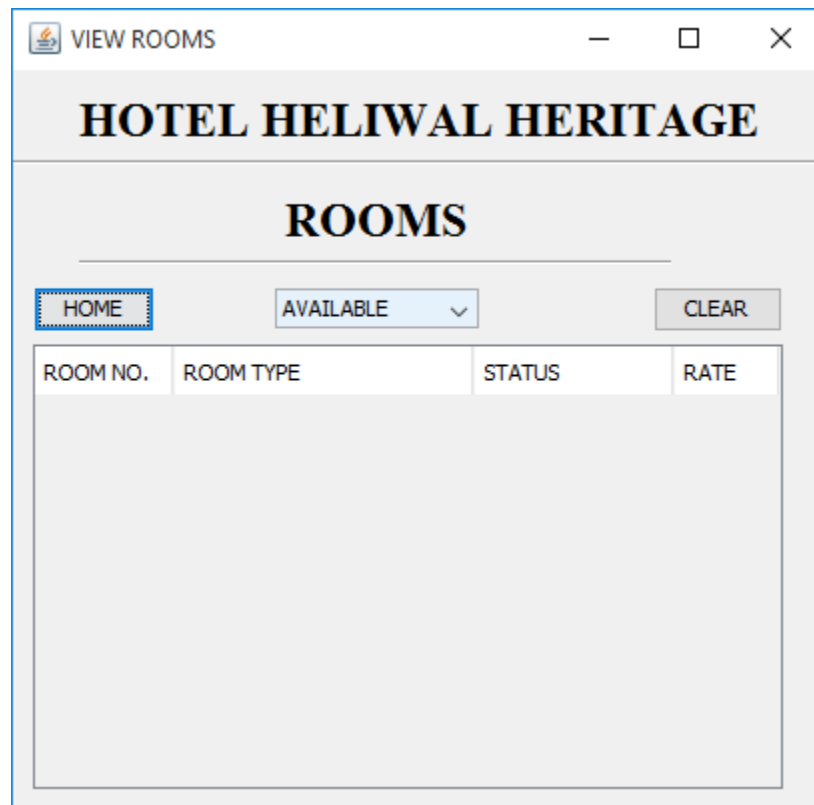
```
jTextField4.setText("");
```


    }

5.VIEW ROOMS

On Top:

import javax.swing.JOptionPane;

import java.sql.*;

import javax.swing.table.DefaultTableModel;

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

    // TODO add your handling code here:

    jComboBox1.setSelectedIndex(-1);

    }



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

        // TODO add your handling code here:

        this.setVisible(false);

            new HOME().setVisible(true);

    }



private void jComboBox1ItemStateChanged(java.awt.event.ItemEvent evt) {

    // TODO add your handling code here:

        DefaultTableModel model = (DefaultTableModel)jTable1.getModel();

            String status= (String) jComboBox1.getSelectedItem();

    try

    {

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

```java
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/HOTE
L","root","IP");

        Statement stmt=con.createStatement();

        String query="SELECT * FROM ROOM WHERE
STATUS='"+status+"';";

        ResultSet rs=stmt.executeQuery(query);

        while(rs.next())

        {

            String R =rs.getString("ROOMNO");

            String T =rs.getString("ROOMTYPE");

            String S =rs.getString("STATUS");

            String r =rs.getString("RATE");


            model.addRow(new Object[]{R,T,S,r});


        }

    }

        catch(Exception e)

        {

            JOptionPane.showMessageDialog(this,e.getMessage());
```

```java
    }


}


    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        DefaultTableModel model = (DefaultTableModel)jTable1.getModel();
        int rows=model.getRowCount();
        if(rows>0)
        {
            for(int i=0;i<rows;i++)
                model.removeRow(0);
        }
    }
```

6.VIEW USERS

On Top:

import javax.swing.JOptionPane;

import java.sql.*;

import javax.swing.table.DefaultTableModel;

```java
    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:


        String U=jTextField1.getText();

        String P=new String(jPasswordField1.getPassword());

        String CP=new String(jPasswordField2.getPassword());

        if (U.isEmpty())

            JOptionPane.showMessageDialog(null,"Username Not Entered");

        else if (P.isEmpty())

            JOptionPane.showMessageDialog(null,"Password Not Entered");

        else if (CP.isEmpty())

            JOptionPane.showMessageDialog(null,"Password Not Confirmed");

        else if (P.equals(CP))

        {

         try

            {

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

```java
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/HOTE
L","root","IP");

        Statement stmt=con.createStatement();

        String sql="insert into LOGIN values('"+U+"','"+P+"');";

        stmt.executeUpdate(sql);

        }

    catch(Exception e)

      {

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

      }

    }

    else

    {

        JOptionPane.showMessageDialog(this,"Incorrect Password");

        jPasswordField1.setText("");

        jPasswordField2.setText("");


    }

}
```

```java
    private void
jPasswordField3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        DefaultTableModel model =
(DefaultTableModel)jTable1.getModel();
        String pass= new String(jPasswordField3.getPassword());
        if (pass.equals("javaproject!@#$"))
        {
         jLabel3.setVisible(true);
        jLabel4.setVisible(true);
        jLabel5.setVisible(true);
        jLabel6.setVisible(true);
        jLabel7.setVisible(true);
        jLabel8.setVisible(true);
        jTextField1.setVisible(true);
        jTextField2.setVisible(true);
        jPasswordField1.setVisible(true);
        jPasswordField2.setVisible(true);
        jButton1.setVisible(true);
```

```java
jButton2.setVisible(true);

jButton3.setVisible(true);

jButton4.setVisible(true);


 try

  {

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

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

   Statement stmt=con.createStatement();

   String query="SELECT * FROM LOGIN;";

   ResultSet rs=stmt.executeQuery(query);

   while(rs.next())

   {

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

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

    model.addRow(new Object[]{U,P});

   }

  }
```

```java
        catch(Exception e)

         {

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

          }

        }

        else

        {

          System.exit(0);

        }


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

        // TODO add your handling code here:

         this.setVisible(false);

            new HOME().setVisible(true);

    }


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

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

        jTextField1.setText("");

        jPasswordField1.setText("");

        jPasswordField2.setText("");

        jPasswordField3.setText("");




    }


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

        // TODO add your handling code here:

        String U=jTextField2.getText();

         if (U.isEmpty())

         {

            JOptionPane.showMessageDialog(this,"Username Not Entered");

         }

         else

         {
```

```java
    try
    {
      Class.forName("java.sql.DriverManager");

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

      Statement stmt=con.createStatement();

      String A="DELETE FROM LOGIN WHERE USERNAME='"+U+"';";

      stmt.executeUpdate(A);

    }

    catch(Exception e)

    {

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

    }


    }

  }
```

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

    // TODO add your handling code here:

    jLabel3.setVisible(false);

    jLabel4.setVisible(false);

    jLabel5.setVisible(false);

    jLabel6.setVisible(false);

    jLabel7.setVisible(false);

    jLabel8.setVisible(false);

    jTextField1.setVisible(false);

    jTextField2.setVisible(false);

    jPasswordField1.setVisible(false);

    jPasswordField2.setVisible(false);

    jButton1.setVisible(false);


    jButton3.setVisible(false);

    jButton4.setVisible(false);


}
```

7.GENERATE BILL

On Top:

import javax.swing.JOptionPane;

import java.sql.*;

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

        // TODO add your handling code here:

        this.setVisible(false);

            new HOME().setVisible(true);

    }

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

        // TODO add your handling code here:

        jTextField1.setText("");

        jTextField2.setText("");

        jTextField3.setText("");

        jTextField4.setText("");

        jTextField5.setText("");

        jTextField6.setText("");

        jTextField7.setText("");

        jTextField8.setText("");

        jTextField9.setText("");


    }
```

```java
private void jTextField3FocusLost(java.awt.event.FocusEvent evt) {

    // TODO add your handling code here:

     String B=jTextField3.getText();

      if (B.isEmpty())

      {

      jTextField1.setText("");

      jTextField2.setText("");

      jTextField3.setText("");

      jTextField4.setText("");

      jTextField5.setText("");

      jTextField6.setText("");

      jTextField7.setText("");

      jTextField8.setText("");

      jTextField9.setText("");


      JOptionPane.showMessageDialog(this,"Booking      No.      Not Enterd");

      }
      else
```

```java
    {

     try

     {

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

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

         Statement stmt=con.createStatement();

         String                                          sql="SELECT
NAME,CONTACT,CHECK_IN,RATE,BOOKINGS.ROOMNO                FROM
BOOKINGS,ROOM WHERE BOOKINGS.ROOMNO=ROOM.ROOMNO AND
BOOKINGNO='"+B+"';";

         ResultSet rs=stmt.executeQuery(sql);

         int found=0;

         while(rs.next())

         {String N=rs.getString("NAME");

          String C=rs.getString("CONTACT");

          String R=rs.getString("ROOMNO");

          String I=rs.getString("CHECK_IN");

          String r=rs.getString("RATE");

          jTextField1.setText(N);
```

```java
            jTextField2.setText(C);

            jTextField4.setText(R);

            jTextField5.setText(I);

            jTextField7.setText(r);

             found++;

            }

        if(found==0)

            JOptionPane.showMessageDialog(this,"Sorry!    No    such
Booking No in Bookings!");

         }

        catch(Exception e)

        {

          JOptionPane.showMessageDialog(null,e.getMessage());

        }

        }

    }
```

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

        // TODO add your handling code here:

        String B=jTextField3.getText();

        String R=jTextField4.getText();

        String O=jTextField6.getText();

        String amt=jTextField9.getText();

         if (O.isEmpty())

            JOptionPane.showMessageDialog(null," Check-Out date not Entered");

        else if (amt.isEmpty())

            JOptionPane.showMessageDialog(null,"No        Net        Payable Amount");

        else

             try

        {

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

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

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

```java
        String A="UPDATE BOOKINGS SET CHECK_OUT='"+O+"'where bookingno='"+B+"';";

        String C="UPDATE BOOKINGS SET AMT='"+amt+"'where bookingno='"+B+"';";

        String D="UPDATE ROOM SET STATUS='AVAILABLE' WHERE roomno='"+R+"';";

        stmt.executeUpdate(A);

        stmt.executeUpdate(C);

        stmt.executeUpdate(D);

        JOptionPane.showMessageDialog(this,"Payement Succesfull");

    }

    catch(Exception e)

    {

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

    }



    }
```

```java
private void jTextField6FocusLost(java.awt.event.FocusEvent evt) {

    // TODO add your handling code here:

    int R=Integer.parseInt(jTextField7.getText());

     String I= jTextField5.getText();

     String O=jTextField6.getText();


    if (O.isEmpty())

     {

      jTextField8.setText("");

      jTextField9.setText("");


        JOptionPane.showMessageDialog(this,"Check-Out    Date    Not
Enterd");

     }

    else

     {

      try

      {

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

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

        Statement stmt=con.createStatement();

        String sql=" select datediff('"+O+"','"+I+"');";

        ResultSet rs=stmt.executeQuery(sql);

        while(rs.next())

        {

         int D=rs.getInt("datediff('"+O+"','"+I+"')");

         jTextField8.setText(""+D);

          int amt=R*D;

        jTextField9.setText(""+amt);

        }

     }

    catch(Exception e)

    {

       JOptionPane.showMessageDialog(null,e.getMessage());

    }

    }

}
```

CONCLUSION

Hotel management software has been prepared to reduce manual work and with the help of this project total amount to be paid is being calculated automatically, room numbers are allotted on the basis of room type selected record are maintained logically, number days is calculated automatically etc.

Without management software, today's world would be nearly incomplete!