

SECTION 24

SWING PROJECT

ONLINE BUS BOOKING

HOME

```
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JOptionPane;
import javax.swing.BoxLayout;
import javax.swing.JButton;
import java.awt.Color;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.JLabel;
import java.awt.Font;
import javax.swing.SwingConstants;
import javax.swing.ImageIcon;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;

public class login {

    private JFrame frame;

    public static void main(String[] args) throws Exception
    {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    login window = new login();
                    window.frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }
}
```

```

public login() {
    initialize();
}

private void initialize() {
    frame = new JFrame();
    frame.setBounds(100, 100, 721, 461);
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    frame.getContentPane().setLayout(null);

    JLabel lblOnlineBusBooking = new JLabel("ONLINE BUS BOOKING");
    lblOnlineBusBooking.setHorizontalAlignment(SwingConstants.CENTER);
    lblOnlineBusBooking.setForeground(Color.WHITE);
    lblOnlineBusBooking.setFont(new Font("Lucida Calligraphy", Font.BOLD |
Font.ITALIC, 48));
    lblOnlineBusBooking.setBackground(Color.YELLOW);
    lblOnlineBusBooking.setBounds(0, 343, 710, 79);
    frame.getContentPane().add(lblOnlineBusBooking);

    JLabel lblWelcomeTo = new JLabel("WELCOME TO");
    lblWelcomeTo.setHorizontalAlignment(SwingConstants.CENTER);
    lblWelcomeTo.setForeground(Color.WHITE);
    lblWelcomeTo.setFont(new Font("Lucida Calligraphy", Font.BOLD |
Font.ITALIC, 48));
    lblWelcomeTo.setBackground(Color.YELLOW);
    lblWelcomeTo.setBounds(0, 0, 710, 79);
    frame.getContentPane().add(lblWelcomeTo);

    JLabel lblNewLabel = new JLabel("");
    lblNewLabel.addMouseListener(new MouseAdapter() {
        @Override
        public void mouseClicked(MouseEvent e)
        {

            new ulogin().setVisible(true);
            setVisible(false);

        }
    });
    lblNewLabel.setIcon(new ImageIcon("C:\\Users\\MANU\\Downloads\\people-
inside-bus.jpg"));
    lblNewLabel.setBounds(0, 0, 710, 422);
    frame.getContentPane().add(lblNewLabel);

```

```
}

public void setVisible(boolean b) {
    // TODO Auto-generated method stub

}

}
```



USER LOGIN

```
import java.awt.BorderLayout;
import java.awt.EventQueue;
import java.sql.*;
import javax.swing.*;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JTextField;
import javax.swing.JPasswordField;
```

```

import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.awt.event.ActionEvent;
import java.awt.Color;
import java.awt.Font;
import java.awt.Window;

public class ulogin extends JFrame {

    private JPanel contentPane;
    private JTextField t1;
    private JPasswordField t2;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    ulogin frame = new ulogin();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public ulogin() {
        setTitle("LOGIN");
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 665, 444);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JLabel lb = new JLabel("USERNAME :");
        lb.setForeground(Color.WHITE);
        lb.setFont(new Font("Tahoma", Font.BOLD, 15));
        lb.setBounds(139, 89, 116, 37);
        contentPane.add(lb);
    }
}

```

```

JLabel lblPassword = new JLabel("PASSWORD :");
lblPassword.setForeground(Color.WHITE);
lblPassword.setFont(new Font("Tahoma", Font.BOLD, 15));
lblPassword.setBounds(139, 151, 116, 37);
contentPane.add(lblPassword);

t1 = new JTextField();
t1.setFont(new Font("Tahoma", Font.PLAIN, 15));
t1.setBounds(265, 89, 249, 37);
contentPane.add(t1);
t1.setColumns(10);

t2 = new JPasswordField();
t2.setFont(new Font("Tahoma", Font.PLAIN, 15));
t2.setBounds(265, 150, 249, 39);
contentPane.add(t2);

JButton b1 = new JButton("LOGIN");
b1.setFont(new Font("Tahoma", Font.BOLD, 18));
b1.addActionListener(new ActionListener() {
    @SuppressWarnings("deprecation")
    public void actionPerformed(ActionEvent arg0)
    {

        try {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

            PreparedStatement stmt=con.prepareStatement("select
username,password from passenger where username=? and password=?");

            stmt.setString(1,t1.getText());
            stmt.setString(2,t2.getText());
            ResultSet rs=stmt.executeQuery();

            if(rs.next())
            {
                System.out.println("Success");

                JOptionPane.showMessageDialog(null, "You
have successfully logged in");

```

```

        new Main().setVisible(true);
        this.dispose();

    }

    else
    {
        System.out.println("UnSuccessful");

        JOptionPane.showMessageDialog(null, "Invalid
username or password");

        this.dispose();

    }
    con.close();
}
catch(Exception se){}

}

private void dispose() {
    // TODO Auto-generated method stub

}

});
b1.setBounds(394, 239, 120, 40);
contentPane.add(b1);

JButton btnNewUser = new JButton("SIGN IN");
btnNewUser.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {
        new Newuser().setVisible(true);
        setVisible(false);

    }
});
btnNewUser.setFont(new Font("Tahoma", Font.BOLD, 18));
btnNewUser.setBounds(394, 303, 120, 40);
contentPane.add(btnNewUser);

JLabel lblOnlineBusBooking = new JLabel("USER LOGIN");

```

```

lblOnlineBusBooking.setHorizontalAlignment(SwingConstants.CENTER);
lblOnlineBusBooking.setForeground(Color.WHITE);
lblOnlineBusBooking.setFont(new Font("Times New Roman", Font.BOLD, 30));
lblOnlineBusBooking.setBackground(Color.YELLOW);
lblOnlineBusBooking.setBounds(228, 0, 196, 67);
contentPane.add(lblOnlineBusBooking);

JButton btnAdmin = new JButton("ADMIN");
btnAdmin.setForeground(Color.RED);
btnAdmin.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {

        new Alogin().setVisible(true);
        setVisible(false);

    }
});
btnAdmin.setFont(new Font("Tahoma", Font.BOLD | Font.ITALIC, 18));
btnAdmin.setBounds(139, 239, 100, 40);
contentPane.add(btnAdmin);

JLabel lblNewLabel = new JLabel("");
lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);
lblNewLabel.setIcon(new
ImageIcon("C:\\Users\\MANU\\Downloads\\13327.jpg"));
lblNewLabel.setBounds(0, 0, 651, 407);
contentPane.add(lblNewLabel);
}
}

```



SIGN IN

```
import java.awt.BorderLayout;
import java.awt.EventQueue;
import java.awt.*;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;

import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import java.awt.Color;
```



```

import java.sql.*;
import javax.swing.SwingConstants;
import javax.swing.ImageIcon;

public class Newuser extends JFrame {

    private JPanel contentPane;
    private JTextField t2;
    private JTextField t3;
    private JTextField t4;
    private JTextField t5;
    private JButton btnLogout;
    private JLabel lblAccount;
    private JButton btnRegister;

    private static int pid=100;
    private JLabel lblNewLabel;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Newuser frame = new Newuser();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Newuser() {
        setTitle("NEW USER");
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 668, 500);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JLabel lblUsername = new JLabel("USERNAME :");
        lblUsername.setForeground(Color.WHITE);
        lblUsername.setFont(new Font("Tahoma", Font.BOLD, 15));
    }

```

```
lblUsername.setBounds(128, 77, 147, 32);  
contentPane.add(lblUsername);
```

```
JLabel lblPassword = new JLabel("PASSWORD :");  
lblPassword.setForeground(Color.WHITE);  
lblPassword.setFont(new Font("Tahoma", Font.BOLD, 15));  
lblPassword.setBounds(128, 134, 147, 32);  
contentPane.add(lblPassword);
```

```
JLabel lblMobileNo = new JLabel("MOBILE NO :");  
lblMobileNo.setForeground(Color.WHITE);  
lblMobileNo.setFont(new Font("Tahoma", Font.BOLD, 15));  
lblMobileNo.setBounds(128, 193, 147, 32);  
contentPane.add(lblMobileNo);
```

```
JLabel lblEmail = new JLabel("E-MAIL :");  
lblEmail.setForeground(Color.WHITE);  
lblEmail.setFont(new Font("Tahoma", Font.BOLD, 15));  
lblEmail.setBounds(128, 258, 147, 32);  
contentPane.add(lblEmail);
```

```
t2 = new JTextField();  
t2.setFont(new Font("Tahoma", Font.PLAIN, 15));  
t2.setColumns(10);  
t2.setBounds(285, 77, 230, 32);  
contentPane.add(t2);
```

```
t3 = new JTextField();  
t3.setFont(new Font("Tahoma", Font.PLAIN, 15));  
t3.setColumns(10);  
t3.setBounds(285, 134, 230, 32);  
contentPane.add(t3);
```

```
t4 = new JTextField();  
t4.setFont(new Font("Tahoma", Font.PLAIN, 15));  
t4.setColumns(10);  
t4.setBounds(285, 193, 230, 32);  
contentPane.add(t4);
```

```
t5 = new JTextField();  
t5.setFont(new Font("Tahoma", Font.PLAIN, 15));  
t5.setColumns(10);  
t5.setBounds(285, 258, 230, 32);
```

```

        contentPane.add(t5);

        btnLogout = new JButton("BACK");
        btnLogout.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e)
            {
                new ulogin().setVisible(true);
                setVisible(false);
            }
        });
        btnLogout.setFont(new Font("Tahoma", Font.BOLD, 18));
        btnLogout.setBounds(128, 347, 100, 40);
        contentPane.add(btnLogout);

        lblAccount = new JLabel("PROFILE");
        lblAccount.setHorizontalAlignment(SwingConstants.CENTER);
        lblAccount.setForeground(Color.WHITE);
        lblAccount.setFont(new Font("Times New Roman", Font.BOLD, 30));
        lblAccount.setBackground(Color.YELLOW);
        lblAccount.setBounds(251, 0, 155, 67);
        contentPane.add(lblAccount);

        btnRegister = new JButton("REGISTER");
        btnRegister.setForeground(Color.BLUE);
        btnRegister.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e)
            {
                try {
                    Class.forName("oracle.jdbc.driver.OracleDriver");
                    Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

                    ResultSet res;

                    try {
                        res=stmt.executeQuery(" select PASSENGER_ID from
( select PASSENGER_ID from PASSENGER order by PASSENGER_ID desc) where
rownum=1");

                        if (res.isBeforeFirst() )
                        {
                            res.next();

```

```

        String[] a = res.getString(1).split("P",2);
        int i = Integer.parseInt(a[1]);
        pid = ++i;
        System.out.println("Split is "+i);
    }
}
catch (Exception e1) {}

String s1="P"+pid;
System.out.println(s1);

String s2=t2.getText();
String s3=t3.getText();
String s4=t4.getText();
String s5=t5.getText();

String q="insert into PASSENGER
values('"+s1+"','"+s2+"','"+s3+"','"+s4+"','"+s5+"')";
stmt.executeUpdate(q);

JOptionPane.showMessageDialog(null, "You have
successfully registered, your user id id : '"+s1+"'");
new ulogin().setVisible(true);
setVisible(false);
}
catch(Exception se){}
}

});
btnRegister.setFont(new Font("Tahoma", Font.BOLD, 18));
btnRegister.setBounds(375, 347, 140, 40);
contentPane.add(btnRegister);

lblNewLabel = new JLabel("");
lblNewLabel.setHorizontalAlignment(SwingConstants.RIGHT);
lblNewLabel.setIcon(new
ImageIcon("C:\\Users\\MANU\\Downloads\\material-design-black-abstract-background-
vector-art-green.jpg"));
lblNewLabel.setBounds(0, 0, 654, 463);
contentPane.add(lblNewLabel);
}
}

```

PROFILE

USERNAME :

PASSWORD :

MOBILE NO :

E-MAIL :

BACK

REGISTER

USER HOME

```
import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JButton;
import java.awt.Font;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.JLabel;
import java.awt.Color;
import javax.swing.SwingConstants;
import javax.swing.ImageIcon;
```

```

public class Main extends JFrame {

    private JPanel contentPane;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Main frame = new Main();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Main() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 548, 418);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JButton btnBooking = new JButton("VIEW TICKET");
        btnBooking.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e)
            {
                new Ticket().setVisible(true);
                setVisible(false);
            }
        });
        btnBooking.setFont(new Font("Tahoma", Font.BOLD, 18));
        btnBooking.setBounds(183, 170, 160, 40);
        contentPane.add(btnBooking);

        JButton btnLogout = new JButton("LOGOUT");
        btnLogout.setForeground(Color.RED);
        btnLogout.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e)
            {
                new ulogin().setVisible(true);
            }
        });
    }
}

```

```

        setVisible(false);
    }
});
btnLogout.setFont(new Font("Tahoma", Font.BOLD, 18));
btnLogout.setBounds(203, 252, 120, 40);
contentPane.add(btnLogout);

JButton btnBook = new JButton("BOOKING");
btnBook.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {
        new Booking().setVisible(true);
        setVisible(false);
    }
});
btnBook.setFont(new Font("Tahoma", Font.BOLD, 18));
btnBook.setBounds(183, 92, 160, 40);
contentPane.add(btnBook);

JLabel lblHome = new JLabel("HOME");
lblHome.setHorizontalAlignment(SwingConstants.CENTER);
lblHome.setForeground(Color.WHITE);
lblHome.setFont(new Font("Times New Roman", Font.BOLD, 30));
lblHome.setBackground(Color.YELLOW);
lblHome.setBounds(203, 0, 113, 67);
contentPane.add(lblHome);

JLabel lblNewLabel = new JLabel("");
lblNewLabel.setHorizontalAlignment(SwingConstants.LEFT);
lblNewLabel.setIcon(new
ImageIcon("C:\\Users\\MANU\\Downloads\\3974b17c7714a3a3dbf9b79577e01729.jpg"));
lblNewLabel.setBounds(0, 0, 534, 380);
contentPane.add(lblNewLabel);
}
}

```



HOME

BOOKING

VIEW TICKET

LOGOUT

BOOKING

```
import java.awt.BorderLayout;  
import java.sql.*;  
import java.awt.EventQueue;  
  
import javax.swing.JFrame;  
import javax.swing.JPanel;  
import javax.swing.border.EmptyBorder;  
import javax.swing.JLabel;  
import javax.swing.JOptionPane;  
  
import java.awt.Font;  
import javax.swing.JTextField;  
import javax.swing.JRadioButton;  
import javax.swing.JComboBox;  
import javax.swing.JButton;
```



```

import javax.swing.JTable;
import javax.swing.DefaultComboBoxModel;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;
import java.util.Random;
import java.awt.event.ActionEvent;
import javax.swing.JSpinner;
import javax.swing.SpinnerNumberModel;
import javax.swing.JToggleButton;
import javax.swing.ButtonGroup;
import javax.swing.table.DefaultTableModel;

import net.proteanit.sql.DbUtils;

import javax.swing.JScrollBar;
import javax.swing.JScrollPane;
import java.awt.event.ItemListener;
import java.awt.event.ItemEvent;
import java.awt.Color;
import javax.swing.SwingConstants;
import javax.swing.ImageIcon;

public class Booking extends JFrame {

    private JPanel contentPane;
    private final ButtonGroup buttonGroup = new ButtonGroup();
    private JTextField t1;
    private JTable tb;
    private JTextField t3;
    private JTextField t4;

    private static int tid=100;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Booking frame = new Booking();
                    frame.setVisible(true);

```

```

        } catch (Exception e) {
            e.printStackTrace();
        }
    }
});
}

public Booking() {
    setTitle("BOOKING");
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 846, 716);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);
    contentPane.setLayout(null);

    JLabel lblOrigin = new JLabel("ORIGIN :");
    lblOrigin.setForeground(Color.WHITE);
    lblOrigin.setFont(new Font("Tahoma", Font.BOLD, 15));
    lblOrigin.setBounds(98, 85, 147, 32);
    contentPane.add(lblOrigin);

    final JComboBox<String> cb3 = new JComboBox<String>();
    cb3.setFont(new Font("Tahoma", Font.PLAIN, 15));
    cb3.setBounds(277, 349, 76, 32);
    contentPane.add(cb3);

    JLabel lblDestination = new JLabel("DESTINATION :");
    lblDestination.setForeground(Color.WHITE);
    lblDestination.setFont(new Font("Tahoma", Font.BOLD, 15));
    lblDestination.setBounds(98, 133, 147, 32);
    contentPane.add(lblDestination);

    final JComboBox cb1 = new JComboBox();
    cb1.setModel(new DefaultComboBoxModel(new String[] { "-select-", "Kochi",
    "Kalamassery", "Kalore", "Kakkanad" }));
    cb1.setFont(new Font("Tahoma", Font.PLAIN, 16));
    cb1.setBounds(246, 87, 147, 29);
    contentPane.add(cb1);

    final JComboBox cb2 = new JComboBox();
    cb2.setModel(new DefaultComboBoxModel(new String[] { "-select-", "Kochi",
    "Kalamassery", "Kalore", "Kakkanad" }));

```

```

cb2.setFont(new Font("Tahoma", Font.PLAIN, 16));
cb2.setBounds(246, 135, 147, 29);
contentPane.add(cb2);

final JComboBox cb5 = new JComboBox<Object>();
cb5.addItemListener(new ItemListener() {
    public void itemStateChanged(ItemEvent e) {

        try {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

            String th=cb3.getItemAt(cb3.getSelectedIndex()).toString();
            String qry="select * from bus where BUS_ID='"+th+"'";
            PreparedStatement st=con.prepareStatement(qry);

            ResultSet res=st.executeQuery(qry);

            if(res.next())
            {
                String jk=cb5.getItemAt(cb5.getSelectedIndex()).toString();
                int lk=Integer.parseInt(jk);
                String hj=res.getString(5);
                int yy=Integer.parseInt(hj);
                int xx=(lk*yy);
                String ww=Integer.toString(xx);
                t4.setText(ww);
            }
        }
        catch(Exception e5){}
    }
});

cb5.setModel(new DefaultComboBoxModel(new String[] {"-select-", "1", "2",
"3", "4", "5"}));
cb5.setFont(new Font("Tahoma", Font.PLAIN, 15));
cb5.setBounds(596, 349, 76, 32);
contentPane.add(cb5);

final JTextField t5 = new JTextField();
t5.setFont(new Font("Tahoma", Font.PLAIN, 15));

```

```

t5.setBounds(277, 412, 76, 32);
contentPane.add(t5);

JButton btnBook = new JButton("BOOK");
btnBook.setForeground(Color.BLUE);
btnBook.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {

        try {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

            String qry = null;

            ResultSet res;

            try {
                res=stmt.executeQuery(" select TICKET_ID from ( select TICKET_ID
from TICKET order by TICKET_ID desc) where rownum=1");
                if (res.isBeforeFirst() ) {
                    res.next();
                    String[] a = res.getString(1).split("T",2);
                    int i = Integer.parseInt(a[1]);
                    tid = ++i;
                    System.out.println("Split is "+i);
                }
            }
            catch (Exception e1) {}

            String s1="T"+tid;
            System.out.println(s1);

            String s2=t5.getText();
            String s3=cb3.getItemAt(cb3.getSelectedIndex()).toString();
            String s4=cb5.getItemAt(cb5.getSelectedIndex()).toString();
            String s5=t3.getText();
            String s6=t4.getText();
            String s7=t1.getText();

```

```

        String q="insert into TICKET
values('"+s1+"','"+s2+"','"+s3+"','"+s4+"','"+s5+"','"+s6+"','"+s7+"')";
        stmt.executeUpdate(q);

        JOptionPane.showMessageDialog(null, "You have
succesfully booked, your ticked id is : '"+s1+"'");
        new Ticket().setVisible(true);
        setVisible(false);

    }
    catch(Exception se){}

}

});
btnBook.setFont(new Font("Tahoma", Font.BOLD, 18));
btnBook.setBounds(611, 560, 100, 40);
contentPane.add(btnBook);

JButton btnViewDetails = new JButton("BUS DETAILS");
btnViewDetails.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {

        try {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

            String s1=t1.getText();

            ResultSet rs=stmt.executeQuery("select * from BUS where
ROUTE_ID = '"+s1+"'");

            tb.setModel(DbUtils.resultSetToTableModel(rs));
        }
        catch(Exception e1)
        {}

        try
        {
            Class.forName("oracle.jdbc.driver.OracleDriver");

```

```

        Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

        String s1=t1.getText();
        String r="select BUS_ID from BUS where ROUTE_ID
=""+s1+"";

        ResultSet res=stmt.executeQuery(r);

        while(res.next())
        {
            cb3.addItem(res.getString(1));
        }
    }
    catch(Exception se){}
}

});
btnViewDetails.setFont(new Font("Tahoma", Font.BOLD, 16));
btnViewDetails.setBounds(143, 263, 150, 40);
contentPane.add(btnViewDetails);

t1 = new JTextField();
t1.setFont(new Font("Tahoma", Font.PLAIN, 15));
t1.setEditable(false);
t1.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
    }
});
t1.setBounds(555, 135, 76, 29);
contentPane.add(t1);
t1.setColumns(10);

JLabel lblNewLabel = new JLabel("Route ID :");
lblNewLabel.setForeground(Color.WHITE);
lblNewLabel.setFont(new Font("Tahoma", Font.BOLD, 15));
lblNewLabel.setBounds(470, 135, 81, 29);
contentPane.add(lblNewLabel);

JScrollPane scrollPane = new JScrollPane();
scrollPane.setBounds(326, 212, 408, 91);
contentPane.add(scrollPane);

```

```

tb = new JTable();
tb.setFont(new Font("Tahoma", Font.PLAIN, 14));
tb.setModel(new DefaultTableModel(
    new Object[][] {
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
    },
    new String[] {
        "Bus ID", "Route ID", "Arrival time", "Departure time", "Fare"
    }
));
tb.getColumnModel().getColumn(2).setPreferredWidth(82);
tb.getColumnModel().getColumn(3).setPreferredWidth(88);
scrollPane.setViewportView(tb);

JButton btnSearchRoute = new JButton("SEARCH ROUTE");
btnSearchRoute.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {
        try
        {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

            String s1=cb1.getItemAt(cb1.getSelectedIndex()).toString();
            String s2=cb2.getItemAt(cb2.getSelectedIndex()).toString();

            String q="select * from ROUTE where ORIGIN='"+s1+"' and
DESTINATION='"+s2+"'";

            ResultSet res=stmt.executeQuery(q);

            if(res.next())
            {

```

```

                                t1.setText(res.getString(1));
                                }
                            }
                        catch(Exception se) {}

                    }
                });
                btnSearchRoute.setFont(new Font("Tahoma", Font.BOLD, 15));
                btnSearchRoute.setBounds(471, 85, 160, 40);
                contentPane.add(btnSearchRoute);

                JLabel lblViewAvailableBuses = new JLabel("View available Buses :");
                lblViewAvailableBuses.setForeground(Color.WHITE);
                lblViewAvailableBuses.setFont(new Font("Tahoma", Font.BOLD, 15));
                lblViewAvailableBuses.setBounds(143, 212, 173, 32);
                contentPane.add(lblViewAvailableBuses);

                JLabel lblBusId = new JLabel("Bus ID :");
                lblBusId.setForeground(Color.WHITE);
                lblBusId.setFont(new Font("Tahoma", Font.BOLD, 15));
                lblBusId.setBounds(153, 349, 81, 32);
                contentPane.add(lblBusId);

                JLabel lblPassengerId = new JLabel("Passenger ID :");
                lblPassengerId.setForeground(Color.WHITE);
                lblPassengerId.setFont(new Font("Tahoma", Font.BOLD, 15));
                lblPassengerId.setBounds(153, 411, 114, 32);
                contentPane.add(lblPassengerId);

                JLabel lblSeatNo = new JLabel("No. of Seats :");
                lblSeatNo.setForeground(Color.WHITE);
                lblSeatNo.setFont(new Font("Tahoma", Font.BOLD, 15));
                lblSeatNo.setBounds(465, 349, 112, 32);
                contentPane.add(lblSeatNo);

                t4 = new JTextField();
                t4.setEditable(false);
                t4.setFont(new Font("Tahoma", Font.BOLD, 17));
                t4.setColumns(10);
                t4.setBounds(593, 415, 118, 32);
                contentPane.add(t4);

                JLabel lblDate = new JLabel("Booking Date :");

```



```

lblDate.setForeground(Color.WHITE);
lblDate.setFont(new Font("Tahoma", Font.BOLD, 15));
lblDate.setBounds(153, 474, 118, 32);
contentPane.add(lblDate);

t3 = new JTextField();
t3.setFont(new Font("Tahoma", Font.PLAIN, 15));
t3.setColumns(10);
t3.setBounds(277, 475, 118, 32);
contentPane.add(t3);

JLabel lblFare = new JLabel("Total Cost (Rs):");
lblFare.setForeground(Color.WHITE);
lblFare.setFont(new Font("Tahoma", Font.BOLD, 15));
lblFare.setBounds(451, 412, 132, 32);
contentPane.add(lblFare);

JButton btnLogout = new JButton("BACK");
btnLogout.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {
        new Main().setVisible(true);
        setVisible(false);
    }
});
btnLogout.setFont(new Font("Tahoma", Font.BOLD, 16));
btnLogout.setBounds(153, 561, 100, 40);
contentPane.add(btnLogout);

JLabel lblTicketBooking = new JLabel("TICKET BOOKING");
lblTicketBooking.setForeground(Color.WHITE);
lblTicketBooking.setFont(new Font("Times New Roman", Font.BOLD, 30));
lblTicketBooking.setBackground(Color.YELLOW);
lblTicketBooking.setBounds(277, 10, 306, 67);
contentPane.add(lblTicketBooking);

JLabel lblNewLabel_1 = new JLabel("");
lblNewLabel_1.setIcon(new
ImageIcon("C:\\Users\\MANU\\Downloads\\1116905.jpg"));
lblNewLabel_1.setBounds(0, 0, 832, 679);
contentPane.add(lblNewLabel_1);
}
}

```

TICKET BOOKING

ORIGIN :

DESTINATION : **Route ID :**

View available Buses :

Bus ID	Route ID	Arrival time	Departure time	Fare

Bus ID : **No. of Seats :**

Passenger ID : **Total Cost (Rs):**

Booking Date :

TICKET

```

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import javax.swing.JTextField;
import javax.swing.JButton;

```

```
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import java.util.Random;
import java.awt.event.ActionEvent;
import javax.swing.JScrollPane;
import javax.swing.JTable;
import javax.swing.table.DefaultTableModel;
```

```
import net.proteanit.sql.DbUtils;
```

```
import javax.swing.JComboBox;
import javax.swing.DefaultComboBoxModel;
import java.awt.event.ItemListener;
import java.awt.event.ItemEvent;
import java.awt.Color;
import java.awt.event.KeyAdapter;
import java.awt.event.KeyEvent;
import javax.swing.SwingConstants;
import javax.swing.ImageIcon;
import java.awt.event.MouseAdapter;
import java.awt.event.MouseEvent;
```

```
public class Ticket extends JFrame {
```

```
    private JPanel contentPane;
    private JTextField t5;
    private JComboBox cb1;
    private JTextField t3;
    private JTextField t4;
    private JTextField t9;
    private JTextField t10;
    private JTextField t8;
    private JTextField t7;
    private JTextField t6;
    private JTextField t11;
    private JButton btnCancelBooking;
    private JLabel lblTicket;
    private JTextField tt;
    private JLabel lblNewLabel;
    private JTextField ttt;
```

```

public static void main(String[] args) {
    EventQueue.invokeLater(new Runnable() {
        public void run() {
            try {
                Ticket frame = new Ticket();
                frame.setVisible(true);
            } catch (Exception e) {
                e.printStackTrace();
            }
        }
    });
}

public Ticket() {
    setFont(new Font("Dialog", Font.BOLD, 15));
    setTitle("TICKET");
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 940, 694);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);
    contentPane.setLayout(null);

    JLabel lblTicketId = new JLabel("TICKET ID :");
    lblTicketId.setForeground(Color.WHITE);
    lblTicketId.setFont(new Font("Tahoma", Font.BOLD, 15));
    lblTicketId.setBounds(73, 197, 147, 32);
    contentPane.add(lblTicketId);

    JLabel lblPassengerId = new JLabel("PASSENGER ID :");
    lblPassengerId.setForeground(Color.WHITE);
    lblPassengerId.setFont(new Font("Tahoma", Font.BOLD, 15));
    lblPassengerId.setBounds(73, 138, 147, 32);
    contentPane.add(lblPassengerId);

    JLabel lblBusId = new JLabel("BUS ID :");
    lblBusId.setForeground(Color.WHITE);
    lblBusId.setFont(new Font("Tahoma", Font.BOLD, 15));
    lblBusId.setBounds(73, 255, 147, 32);
    contentPane.add(lblBusId);

    JLabel lblSeatNo = new JLabel("NO. OF SEATS :");

```

```
lblSeatNo.setForeground(Color.WHITE);
lblSeatNo.setFont(new Font("Tahoma", Font.BOLD, 15));
lblSeatNo.setBounds(497, 80, 147, 32);
contentPane.add(lblSeatNo);
```

```
JLabel lblDate = new JLabel("DATE :");
lblDate.setForeground(Color.WHITE);
lblDate.setFont(new Font("Tahoma", Font.BOLD, 15));
lblDate.setBounds(497, 138, 147, 32);
contentPane.add(lblDate);
```

```
JLabel lblFare = new JLabel("TOTAL COST (Rs):");
lblFare.setForeground(Color.WHITE);
lblFare.setFont(new Font("Tahoma", Font.BOLD | Font.ITALIC, 20));
lblFare.setBounds(238, 439, 200, 45);
contentPane.add(lblFare);
```

```
t5 = new JTextField();
t5.setFont(new Font("Tahoma", Font.ITALIC, 15));
t5.setEditable(false);
t5.setColumns(10);
t5.setBounds(654, 139, 159, 32);
contentPane.add(t5);
```

```
t3 = new JTextField();
t3.setFont(new Font("Tahoma", Font.PLAIN, 15));
t3.setEditable(false);
t3.setColumns(10);
t3.setBounds(230, 256, 159, 32);
contentPane.add(t3);
```

```
t4 = new JTextField();
t4.setFont(new Font("Tahoma", Font.PLAIN, 15));
t4.setEditable(false);
t4.setColumns(10);
t4.setBounds(654, 80, 159, 32);
contentPane.add(t4);
```

```
t9 = new JTextField();
t9.setFont(new Font("Tahoma", Font.PLAIN, 15));
t9.setEditable(false);
t9.setColumns(10);
t9.setBounds(654, 369, 159, 32);
```

```

contentPane.add(t9);

t10 = new JTextField();
t10.setFont(new Font("Tahoma", Font.BOLD | Font.ITALIC, 20));
t10.setEditable(false);
t10.setColumns(10);
t10.setBounds(448, 446, 159, 32);
contentPane.add(t10);

JLabel lblPassengerId_1_1_1 = new JLabel("DEPARTURE TIME :");
lblPassengerId_1_1_1.setForeground(Color.WHITE);
lblPassengerId_1_1_1.setFont(new Font("Tahoma", Font.BOLD, 15));
lblPassengerId_1_1_1.setBounds(497, 368, 147, 32);
contentPane.add(lblPassengerId_1_1_1);

JLabel lblPassengerId_1_1_1_1 = new JLabel("ARRIVAL TIME :");
lblPassengerId_1_1_1_1.setForeground(Color.WHITE);
lblPassengerId_1_1_1_1.setFont(new Font("Tahoma", Font.BOLD, 15));
lblPassengerId_1_1_1_1.setBounds(497, 310, 147, 32);
contentPane.add(lblPassengerId_1_1_1_1);

t8 = new JTextField();
t8.setFont(new Font("Tahoma", Font.PLAIN, 15));
t8.setEditable(false);
t8.setColumns(10);
t8.setBounds(654, 311, 159, 32);
contentPane.add(t8);

t7 = new JTextField();
t7.setFont(new Font("Tahoma", Font.BOLD, 16));
t7.setEditable(false);
t7.setColumns(10);
t7.setBounds(654, 255, 159, 32);
contentPane.add(t7);

t6 = new JTextField();
t6.setFont(new Font("Tahoma", Font.BOLD, 16));
t6.setEditable(false);
t6.setColumns(10);
t6.setBounds(654, 197, 159, 32);
contentPane.add(t6);

cb1 = new JComboBox();

```

```

        cb1.addItemListener(new ItemListener() {
            public void itemStateChanged(ItemEvent e)
            {
                try
                {
                    Class.forName("oracle.jdbc.driver.OracleDriver");
                    Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

                    String s1=cb1.getItemAt(cb1.getSelectedIndex()).toString();

                    String q="select * from TICKET where TICKET_ID = '"+s1+"'";
                    ResultSet res=stmt.executeQuery(q);

                    if(res.next())
                    {
                        t3.setText(res.getString(3));
                        t4.setText(res.getString(4));
                        t5.setText(res.getString(5));
                        t10.setText(res.getString(6));
                        t11.setText(res.getString(7));
                    }
                }
                catch(Exception se) {}

                try
                {
                    Class.forName("oracle.jdbc.driver.OracleDriver");
                    Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

                    String s2=cb1.getItemAt(cb1.getSelectedIndex()).toString();

                    String q="select * from BUS where BUS_ID in(select BUS_ID from
TICKET where TICKET_ID='"+s2+"'");
                    ResultSet res=stmt.executeQuery(q);

                    if(res.next())
                    {

```

```

        t8.setText(res.getString(3));
        t9.setText(res.getString(4));

    }

}

catch(Exception se) {}

try
{
    Class.forName("oracle.jdbc.driver.OracleDriver");
    Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

    String s3=cb1.getItemAt(cb1.getSelectedIndex()).toString();

    String q="select * from ROUTE where ROUTE_ID in(select
ROUTE_ID from TICKET where TICKET_ID='"+s3+"'");
    ResultSet res=stmt.executeQuery(q);

    if(res.next())
    {
        t6.setText(res.getString(2));
        t7.setText(res.getString(3));

    }

}

catch(Exception se) {}

}

});
cb1.setFont(new Font("Tahoma", Font.PLAIN, 15));
cb1.setEditable(false);
cb1.setBounds(230, 197, 159, 32);
contentPane.add(cb1);

JLabel lblPassengerId_1 = new JLabel("ORIGIN :");
lblPassengerId_1.setForeground(Color.WHITE);
lblPassengerId_1.setFont(new Font("Tahoma", Font.BOLD, 15));
lblPassengerId_1.setBounds(497, 197, 147, 32);

```



```

contentPane.add(lblPassengerId_1);

JLabel lblPassengerId_1_1 = new JLabel("DESTINATION :");
lblPassengerId_1_1.setForeground(Color.WHITE);
lblPassengerId_1_1.setFont(new Font("Tahoma", Font.BOLD, 15));
lblPassengerId_1_1.setBounds(497, 255, 147, 32);
contentPane.add(lblPassengerId_1_1);

ttd = new JTextField();
ttd.addKeyListener(new KeyAdapter() {
    @Override
    public void keyReleased(KeyEvent e)
    {
        try
        {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

            String s3=ttd.getText();

            String q="select * from PASSENGER where USERNAME ='"+s3+"'";
            ResultSet res=stmt.executeQuery(q);

            if(res.next())
            {
                tt.setText(res.getString(1));
            }
        }
        catch(Exception se) {}
    }
});
ttd.setFont(new Font("Tahoma", Font.PLAIN, 15));
ttd.setColumns(10);
ttd.setBounds(230, 81, 159, 32);
contentPane.add(ttd);

JButton btnConfirm = new JButton("BACK TO MAIN");
btnConfirm.setForeground(Color.BLACK);

```

```

        btnConfirm.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e)
            {
                new Main().setVisible(true);
                setVisible(false);
            }
        });
        btnConfirm.setFont(new Font("Tahoma", Font.BOLD, 18));
        btnConfirm.setBounds(498, 518, 200, 50);
        contentPane.add(btnConfirm);

        try {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

            ResultSet rs=stmt.executeQuery("select * from TICKET");

            JLabel lblRouteId = new JLabel("ROUTE ID :");
            lblRouteId.setForeground(Color.WHITE);
            lblRouteId.setFont(new Font("Tahoma", Font.BOLD, 15));
            lblRouteId.setBounds(73, 310, 147, 32);
            contentPane.add(lblRouteId);

            t11 = new JTextField();
            t11.setFont(new Font("Tahoma", Font.PLAIN, 15));
            t11.setEditable(false);
            t11.setColumns(10);
            t11.setBounds(230, 310, 159, 32);
            contentPane.add(t11);

            btnCancelBooking = new JButton("CANCEL BOOKING");
            btnCancelBooking.setForeground(Color.BLACK);
            btnCancelBooking.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e)
                {

                    try
                    {
                        Class.forName("oracle.jdbc.driver.OracleDriver");

```

Connection

```
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

String s1=cb1.getItemAt(cb1.getSelectedIndex()).toString();

String q="delete from TICKET where TICKET_ID='"+s1+"'";
ResultSet res=stmt.executeQuery(q);

JOptionPane.showMessageDialog(null, "You have
successfully canceled your booking");
new Ticket().setVisible(true);
setVisible(false);
}

catch(Exception se) {}

});
btnCancelBooking.setFont(new Font("Tahoma", Font.BOLD, 16));
btnCancelBooking.setBounds(189, 519, 200, 50);
contentPane.add(btnCancelBooking);

lblTicket = new JLabel("TICKET");
lblTicket.setHorizontalAlignment(SwingConstants.CENTER);
lblTicket.setForeground(Color.WHITE);
lblTicket.setFont(new Font("Times New Roman", Font.BOLD, 30));
lblTicket.setBackground(Color.YELLOW);
lblTicket.setBounds(389, 0, 140, 67);
contentPane.add(lblTicket);

tt = new JTextField();
tt.setEditable(false);
tt.addMouseListener(new MouseAdapter() {
    @Override
    public void mouseClicked(MouseEvent e)
    {

        try {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");
```

```

        Statement stmt=(Statement) con.createStatement();
        String r="select TICKET_ID from TICKET where
PASSENGER_ID='"+tt.getText()+"'";

        ResultSet res=stmt.executeQuery(r);

        while(res.next())
        {
            cb1.addItem(res.getString(1));

        }
    }

    catch(Exception se)
    {}

}

});

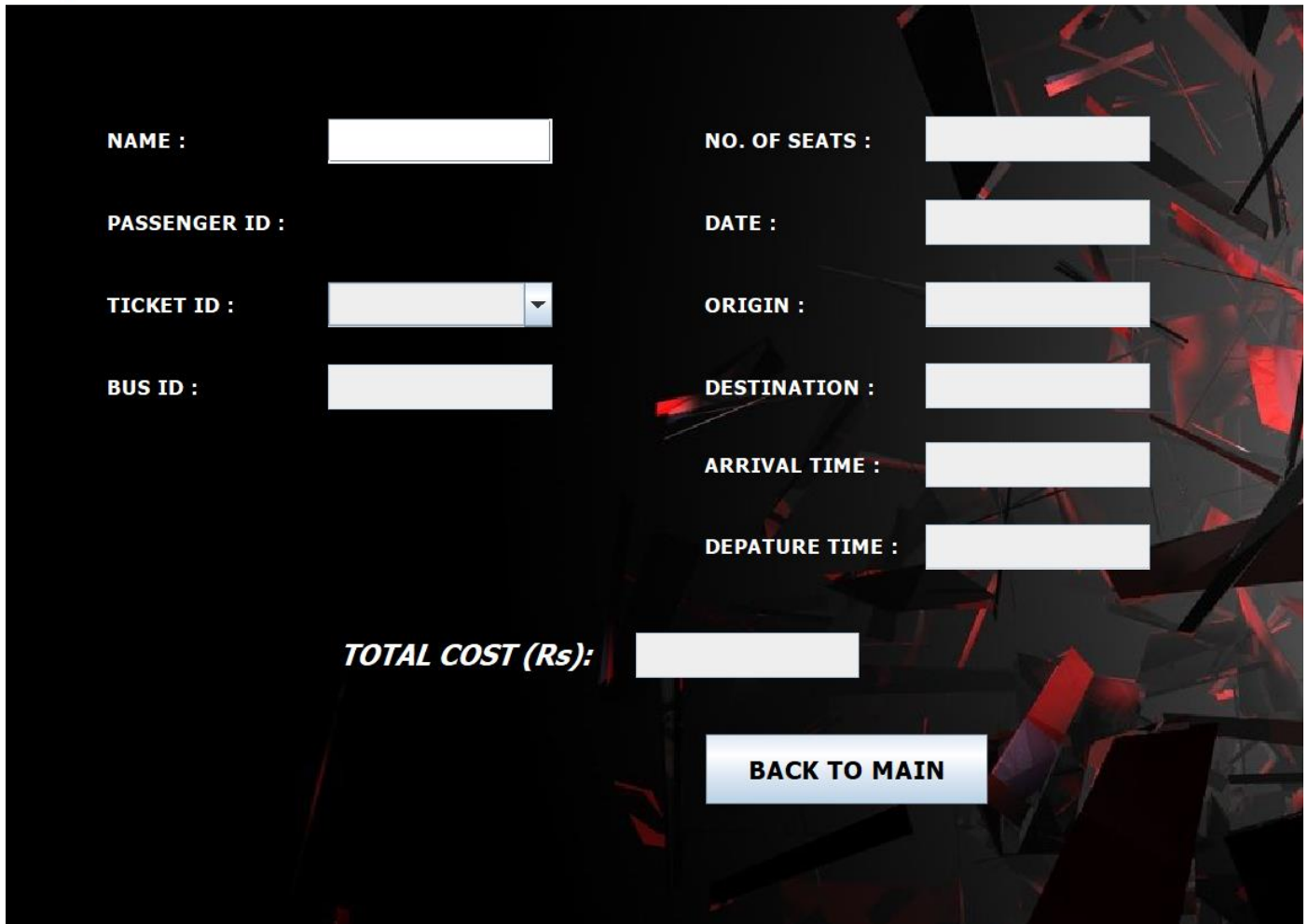
tt.setFont(new Font("Tahoma", Font.PLAIN, 15));
tt.setColumns(10);
tt.setBounds(230, 139, 159, 32);
contentPane.add(tt);
}
catch(Exception e1){}

JLabel lblPassengerId_2 = new JLabel("NAME :");
lblPassengerId_2.setForeground(Color.WHITE);
lblPassengerId_2.setFont(new Font("Tahoma", Font.BOLD, 15));
lblPassengerId_2.setBounds(73, 80, 147, 32);
contentPane.add(lblPassengerId_2);

lblNewLabel = new JLabel("");
lblNewLabel.setIcon(new
ImageIcon("C:\\Users\\MANU\\Downloads\\329313.jpg"));
lblNewLabel.setBounds(0, 0, 926, 657);
contentPane.add(lblNewLabel);

}
}

```



NAME :

PASSENGER ID :

TICKET ID :

BUS ID :

NO. OF SEATS :

DATE :

ORIGIN :

DESTINATION :

ARRIVAL TIME :

DEPARTURE TIME :

TOTAL COST (Rs):

BACK TO MAIN

ADMIN LOGIN

```
import java.awt.BorderLayout;
import java.awt.EventQueue;
import java.sql.*;
import javax.swing.*;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JTextField;
import javax.swing.JPasswordField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
```

```

import java.sql.ResultSet;
import java.awt.event.ActionEvent;
import java.awt.Color;
import java.awt.Font;
import java.awt.Window;

public class Alogin extends JFrame {

    private JPanel contentPane;
    private JTextField t1;
    private JPasswordField t2;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Alogin frame = new Alogin();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Alogin() {
        setTitle("LOGIN");
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 637, 430);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JLabel lb = new JLabel("ADMIN NAME :");
        lb.setForeground(Color.WHITE);
        lb.setFont(new Font("Tahoma", Font.BOLD, 15));
        lb.setBounds(129, 87, 120, 37);
        contentPane.add(lb);

        JLabel lblPassword = new JLabel("PASSWORD :");
        lblPassword.setForeground(Color.WHITE);
        lblPassword.setFont(new Font("Tahoma", Font.BOLD, 15));
    }
}

```

```

lblPassword.setBounds(129, 149, 120, 37);
contentPane.add(lblPassword);

t1 = new JTextField();
t1.setFont(new Font("Tahoma", Font.PLAIN, 15));
t1.setBounds(259, 89, 249, 37);
contentPane.add(t1);
t1.setColumns(10);

t2 = new JPasswordField();
t2.setFont(new Font("Tahoma", Font.PLAIN, 15));
t2.setBounds(259, 150, 249, 39);
contentPane.add(t2);

JButton b1 = new JButton("LOGIN");
b1.setFont(new Font("Tahoma", Font.BOLD, 18));
b1.addActionListener(new ActionListener() {
    @SuppressWarnings("deprecation")
    public void actionPerformed(ActionEvent arg0)
    {
        try {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

            Statement stmt=(Statement) con.createStatement();
            ResultSet rs=stmt.executeQuery("select * from ADMIN");
            String un=t1.getText(); String pwd=t2.getText();
            while(rs.next())
            {
                System.out.println(un);
                System.out.println(pwd);

                if((un.equals(rs.getString(1)))&&(pwd.equals(rs.getString(2))))
                {
                    System.out.println("Success");

                    JOptionPane.showMessageDialog(null, "You
have successfully logged in");

                    new Amain().setVisible(true);
                    this.dispose();
                    break;

```

```

        }
        else
        {
            System.out.println("UnSuccessful");

            JOptionPane.showMessageDialog(null, "Invalid
username or password");

        }
    }
    con.close();

}
catch(Exception se){}
}

private void dispose() {
    // TODO Auto-generated method stub

}

});
b1.setBounds(387, 239, 120, 40);
contentPane.add(b1);

JLabel lblOnlineBusBooking = new JLabel("ADMIN LOGIN");
lblOnlineBusBooking.setForeground(Color.WHITE);
lblOnlineBusBooking.setFont(new Font("Times New Roman", Font.BOLD, 30));
lblOnlineBusBooking.setBackground(Color.YELLOW);
lblOnlineBusBooking.setBounds(201, 0, 229, 67);
contentPane.add(lblOnlineBusBooking);

JButton btnUser = new JButton("USER");
btnUser.setForeground(Color.BLUE);
btnUser.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {
        new ulogin().setVisible(true);
        setVisible(false);
    }
});
btnUser.setFont(new Font("Tahoma", Font.BOLD | Font.ITALIC, 18));
btnUser.setBounds(129, 239, 100, 40);
contentPane.add(btnUser);

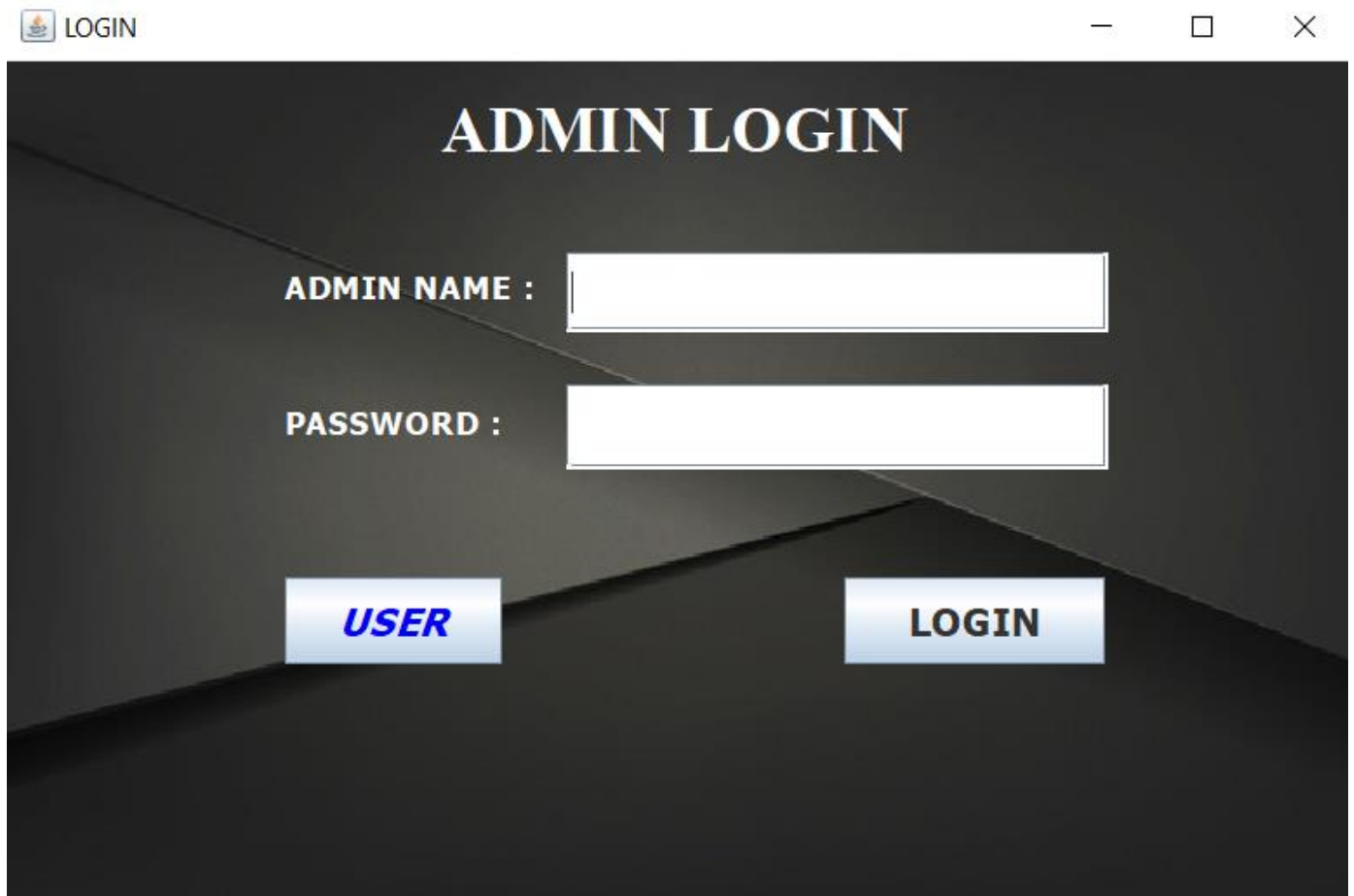
```



```

        JLabel lblNewLabel = new JLabel("");
        lblNewLabel.setIcon(new
ImageIcon("C:\\Users\\MANU\\Downloads\\abstract-background-design-black_53876-
43543.jpg"));
        lblNewLabel.setBounds(0, 0, 623, 393);
        contentPane.add(lblNewLabel);
    }
}

```



ADMIN HOME

```

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;

```

```

import javax.swing.JButton;
import java.awt.Font;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.JLabel;
import java.awt.Color;
import javax.swing.SwingConstants;
import javax.swing.ImageIcon;

public class Amain extends JFrame {

    private JPanel contentPane;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Amain frame = new Amain();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Amain() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 624, 516);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JButton btnMyAccount = new JButton("VIEW ROUTES");
        btnMyAccount.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                new Aroute().setVisible(true);
                setVisible(false);
            }
        });
        btnMyAccount.setFont(new Font("Tahoma", Font.BOLD, 18));
    }
}

```

```

btnMyAccount.setBounds(80, 110, 180, 40);
contentPane.add(btnMyAccount);

JButton btnBooking = new JButton("VIEW BUS");
btnBooking.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {
        new Abus().setVisible(true);
        setVisible(false);
    }
});
btnBooking.setFont(new Font("Tahoma", Font.BOLD, 18));
btnBooking.setBounds(354, 110, 180, 40);
contentPane.add(btnBooking);

JButton btnLogout = new JButton("LOGOUT");
btnLogout.setForeground(Color.RED);
btnLogout.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {
        new Alogin().setVisible(true);
        setVisible(false);
    }
});
btnLogout.setFont(new Font("Tahoma", Font.BOLD, 18));
btnLogout.setBounds(228, 336, 120, 40);
contentPane.add(btnLogout);

JButton btnViewBooking = new JButton("VIEW BOOKING");
btnViewBooking.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {
        new Abook().setVisible(true);
        setVisible(false);
    }
});
btnViewBooking.setFont(new Font("Tahoma", Font.BOLD, 18));
btnViewBooking.setBounds(349, 220, 185, 40);
contentPane.add(btnViewBooking);

JButton btnViewUsers = new JButton("VIEW USERS");
btnViewUsers.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)

```

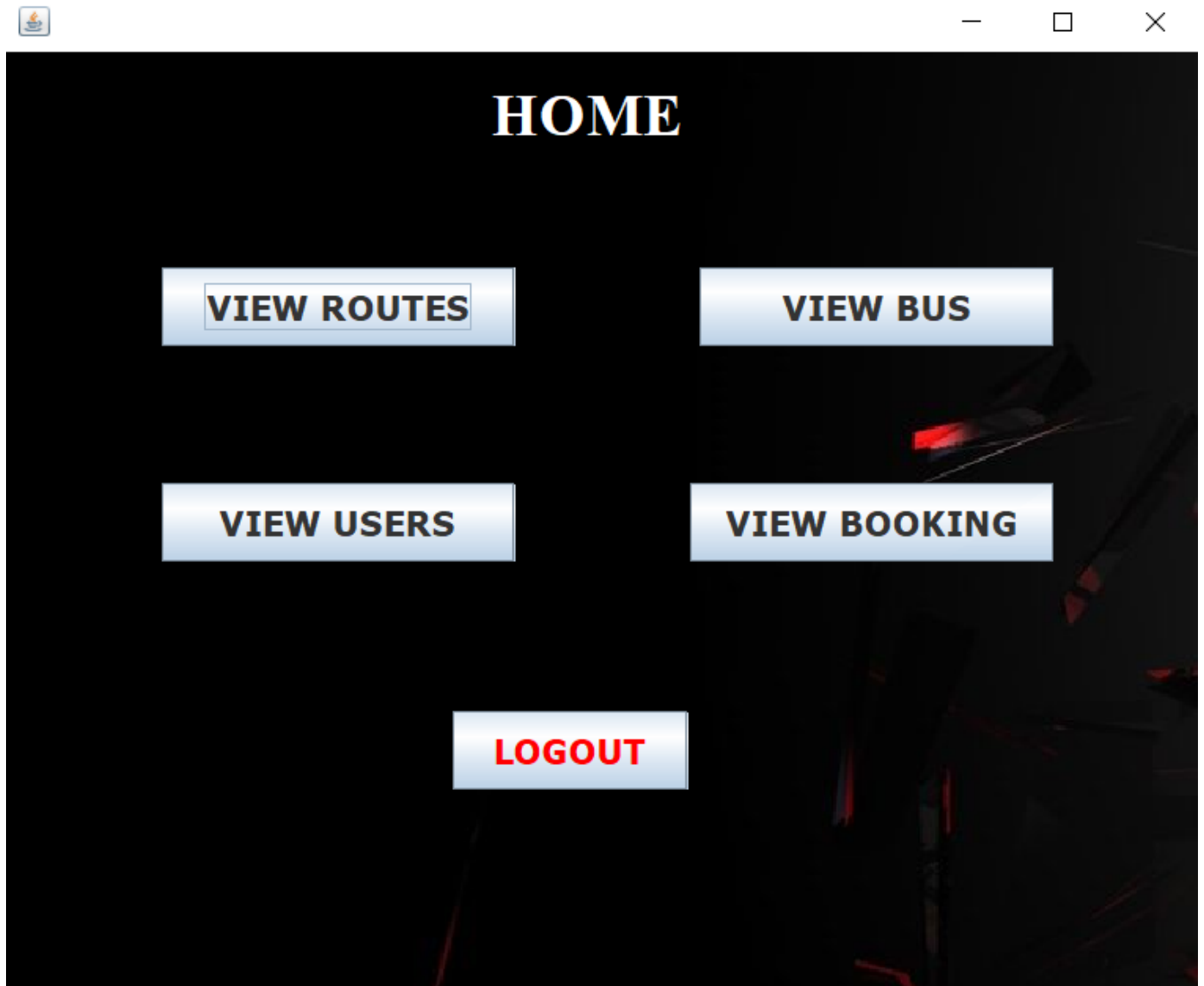
```

        {
            new Uprofile().setVisible(true);
            setVisible(false);
        }
    });
    btnViewUsers.setFont(new Font("Tahoma", Font.BOLD, 18));
    btnViewUsers.setBounds(80, 220, 180, 40);
    contentPane.add(btnViewUsers);

    JLabel lblHome = new JLabel("HOME");
    lblHome.setHorizontalAlignment(SwingConstants.CENTER);
    lblHome.setForeground(Color.WHITE);
    lblHome.setFont(new Font("Times New Roman", Font.BOLD, 30));
    lblHome.setBackground(Color.YELLOW);
    lblHome.setBounds(241, 0, 110, 67);
    contentPane.add(lblHome);

    JLabel lblNewLabel = new JLabel("");
    lblNewLabel.setIcon(new
ImageIcon("C:\\Users\\MANU\\Downloads\\329313.jpg"));
    lblNewLabel.setBounds(0, 0, 610, 479);
    contentPane.add(lblNewLabel);
}
}

```



VIEW ROUTE

```
import java.awt.BorderLayout;  
import java.awt.EventQueue;  
  
import javax.swing.JFrame;  
import javax.swing.JPanel;  
import javax.swing.border.EmptyBorder;  
import javax.swing.JScrollPane;  
import javax.swing.JTable;  
import java.awt.Font;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.ResultSet;
```

```

import java.sql.Statement;

import javax.swing.table.DefaultTableModel;

import net.proteanit.sql.DbUtils;
import javax.swing.JLabel;
import java.awt.Color;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.ImageIcon;
import javax.swing.SwingConstants;

public class Aroute extends JFrame {

    private JPanel contentPane;
    private JTable tb;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Aroute frame = new Aroute();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Aroute() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 677, 513);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JScrollPane scrollPane = new JScrollPane();
        scrollPane.setBounds(119, 99, 403, 211);
        contentPane.add(scrollPane);
    }

```

```

tb = new JTable();
tb.setModel(new DefaultTableModel(
    new Object[][] {
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null},
    },
    new String[] {
        "New column", "New column", "New column", "New column"
    }
));
tb.setFont(new Font("Tahoma", Font.PLAIN, 15));
scrollPane.setViewportView(tb);

try {
    Class.forName("oracle.jdbc.driver.OracleDriver");
    Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

    ResultSet rs=stmt.executeQuery("select * from ROUTE");
    tb.setModel(DbUtils.resultSetToTableModel(rs));

    JLabel lblRouteDetails = new JLabel("ROUTE DETAILS");
    lblRouteDetails.setHorizontalAlignment(SwingConstants.CENTER);
    lblRouteDetails.setForeground(new Color(255, 255, 255));
    lblRouteDetails.setFont(new Font("Times New Roman", Font.BOLD, 30));
    lblRouteDetails.setBackground(Color.YELLOW);
    lblRouteDetails.setBounds(186, 0, 262, 67);
    contentPane.add(lblRouteDetails);

    JButton btnLogout = new JButton("BACK");
    btnLogout.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e)
        {

```

```

        new Amain().setVisible(true);
        setVisible(false);
    }
});
btnLogout.setFont(new Font("Tahoma", Font.BOLD, 18));
btnLogout.setBounds(119, 365, 100, 40);
contentPane.add(btnLogout);

JButton btnAddRoute = new JButton("ADD ROUTE");
btnAddRoute.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {
        new Addroute().setVisible(true);
        setVisible(false);
    }
});
btnAddRoute.setFont(new Font("Tahoma", Font.BOLD, 18));
btnAddRoute.setBounds(372, 365, 150, 40);
contentPane.add(btnAddRoute);

JLabel lblNewLabel = new JLabel("");
lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);
lblNewLabel.setIcon(new
ImageIcon("C:\\Users\\MANU\\Downloads\\13327.jpg"));
lblNewLabel.setBounds(0, 0, 663, 476);
contentPane.add(lblNewLabel);
}
catch(Exception e1)
{}
}
}

```


ROUTE DETAILS

New column	New column	New column	New column

BACK
ADD ROUTE

ADD ROUTE

```
import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
```

```

import java.sql.Statement;
import java.awt.event.ActionEvent;
import java.awt.Color;
import javax.swing.ImageIcon;

public class Addroute extends JFrame {

    private JPanel contentPane;
    private JTextField t1;
    private JTextField t2;
    private JTextField t3;
    private JLabel lblAddRoute;
    private JButton btnBack;
    private JLabel lblNewLabel;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Addroute frame = new Addroute();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Addroute() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 624, 468);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JLabel lblRouteId = new JLabel("ROUTE ID :");
        lblRouteId.setForeground(Color.WHITE);
        lblRouteId.setFont(new Font("Tahoma", Font.BOLD, 15));
        lblRouteId.setBounds(87, 97, 136, 37);
        contentPane.add(lblRouteId);

        JLabel lblOrigin = new JLabel("ORIGIN :");
    }

```

```

lblOrigin.setForeground(Color.WHITE);
lblOrigin.setFont(new Font("Tahoma", Font.BOLD, 15));
lblOrigin.setBounds(87, 156, 136, 37);
contentPane.add(lblOrigin);

```

```

JLabel lblDestination = new JLabel("DESTINATION :");
lblDestination.setForeground(Color.WHITE);
lblDestination.setFont(new Font("Tahoma", Font.BOLD, 15));
lblDestination.setBounds(87, 212, 136, 37);
contentPane.add(lblDestination);

```

```

t1 = new JTextField();
t1.setColumns(10);
t1.setBounds(233, 97, 249, 37);
contentPane.add(t1);

```

```

t2 = new JTextField();
t2.setColumns(10);
t2.setBounds(233, 156, 249, 37);
contentPane.add(t2);

```

```

t3 = new JTextField();
t3.setColumns(10);
t3.setBounds(233, 212, 249, 37);
contentPane.add(t3);

```

```

JButton btnAdd = new JButton("ADD");
btnAdd.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {

```

```

        try {

```

```

            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection

```

```

con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

```

```

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

```

```

            String s1=t1.getText();
            String s2=t2.getText();
            String s3=t3.getText();

```

```

            String q="insert into ROUTE
values('"+s1+"','"+s2+"','"+s3+"')";

```

```

        stmt.executeUpdate(q);

        JOptionPane.showMessageDialog(null, "You have
successfully added bus");

        new Aroute().setVisible(true);
        setVisible(false);

    }
    catch(Exception se){}

}

});
btnAdd.setFont(new Font("Tahoma", Font.BOLD, 16));
btnAdd.setBounds(382, 300, 100, 40);
contentPane.add(btnAdd);

lblAddRoute = new JLabel("ADD ROUTE");
lblAddRoute.setForeground(Color.WHITE);
lblAddRoute.setFont(new Font("Times New Roman", Font.BOLD, 30));
lblAddRoute.setBackground(Color.YELLOW);
lblAddRoute.setBounds(196, 10, 189, 67);
contentPane.add(lblAddRoute);

btnBack = new JButton("BACK");
btnBack.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {
        new Aroute().setVisible(true);
        setVisible(false);
    }
});
btnBack.setFont(new Font("Tahoma", Font.BOLD, 18));
btnBack.setBounds(87, 299, 100, 40);
contentPane.add(btnBack);

lblNewLabel = new JLabel("");
lblNewLabel.setIcon(new
ImageIcon("C:\\Users\\MANU\\Downloads\\1116905.jpg"));
lblNewLabel.setBounds(0, 0, 610, 431);
contentPane.add(lblNewLabel);

}

}

```



ADD ROUTE

ROUTE ID :

ORIGIN :

DESTINATION :

BACK

ADD

VIEW BUS

```
import java.awt.BorderLayout;
import java.awt.EventQueue;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JScrollPane;
import javax.swing.JTable;
import javax.swing.table.DefaultTableModel;
```

```

import net.proteanit.sql.DbUtils;
import javax.swing.JLabel;
import java.awt.Color;
import java.awt.Font;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.ImageIcon;
import javax.swing.SwingConstants;

public class Abus extends JFrame {

    private JPanel contentPane;
    private.JTable tb;
    private JLabel lblBusDetails;
    private JButton btnLogout;
    private JButton btnAddBus;
    private JLabel lblNewLabel;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Abus frame = new Abus();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Abus() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 811, 505);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JScrollPane scrollPane = new JScrollPane();
        scrollPane.setBounds(128, 83, 512, 211);
        contentPane.add(scrollPane);
    }

```

```

tb = new JTable();
tb.setFont(new Font("Tahoma", Font.PLAIN, 15));
tb.setModel(new DefaultTableModel(
    new Object[][] {
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
    },
    new String[] {
        "New column", "New column", "New column", "New column",
        "New column"
    }
));
scrollPane.setViewportViewView(tb);

try {
    Class.forName("oracle.jdbc.driver.OracleDriver");
    Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");
    Statement stmt=(Statement) con.createStatement();

    ResultSet rs=stmt.executeQuery("select * from BUS");
    tb.setModel(DbUtils.resultSetToTableModel(rs));

    lblBusDetails = new JLabel("BUS DETAILS");
    lblBusDetails.setForeground(Color.WHITE);
    lblBusDetails.setFont(new Font("Times New Roman", Font.BOLD, 30));
    lblBusDetails.setBackground(Color.YELLOW);
    lblBusDetails.setBounds(283, 0, 212, 67);
    contentPane.add(lblBusDetails);

    btnLogout = new JButton("BACK");

```

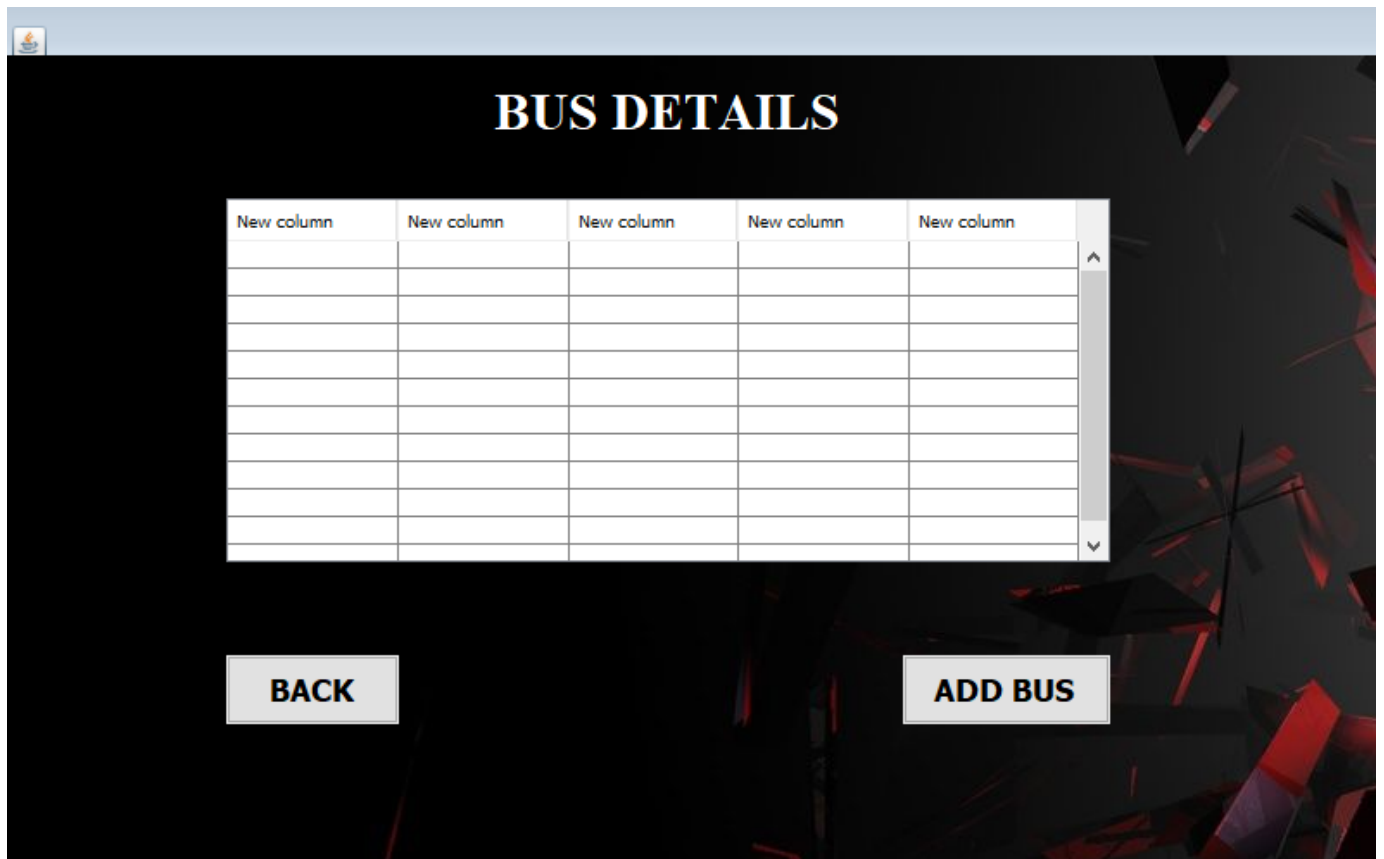
```

        btnLogout.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e)
            {
                new Amain().setVisible(true);
                setVisible(false);
            }
        });
        btnLogout.setFont(new Font("Tahoma", Font.BOLD, 18));
        btnLogout.setBounds(128, 348, 100, 40);
        contentPane.add(btnLogout);

        btnAddBus = new JButton("ADD BUS");
        btnAddBus.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e)
            {
                new Addbus().setVisible(true);
                setVisible(false);
            }
        });
        btnAddBus.setFont(new Font("Tahoma", Font.BOLD, 18));
        btnAddBus.setBounds(520, 348, 120, 40);
        contentPane.add(btnAddBus);

        lblNewLabel = new JLabel("");
        lblNewLabel.setHorizontalAlignment(SwingConstants.LEFT);
        lblNewLabel.setIcon(new
ImageIcon("C:\\Users\\MANU\\Downloads\\329313.jpg"));
        lblNewLabel.setBounds(0, 0, 797, 468);
        contentPane.add(lblNewLabel);
    }
    catch(Exception e1){}
}

```

ADD BUS

```
import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import java.awt.event.ActionEvent;
import java.awt.Color;
```

```

import javax.swing.ImageIcon;
import javax.swing.SwingConstants;
import javax.swing.JComboBox;

public class Addbus extends JFrame {

    private JPanel contentPane;
    private JTextField t1;
    private JComboBox cb1;
    private JTextField t3;
    private JLabel lblArrivalTime;
    private JLabel lblRouteId_2;
    private JTextField t4;
    private JTextField t5;
    private JLabel lblAddBus;
    private JButton btnBack;
    private JLabel lblNewLabel;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Addbus frame = new Addbus();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Addbus() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 624, 580);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JLabel lblRouteId = new JLabel("BUS ID :");
        lblRouteId.setForeground(Color.WHITE);
        lblRouteId.setFont(new Font("Tahoma", Font.BOLD, 15));
        lblRouteId.setBounds(87, 97, 136, 37);
    }

```

```

contentPane.add(lblRouteId);

JLabel lblOrigin = new JLabel("ROUTE ID :");
lblOrigin.setForeground(Color.WHITE);
lblOrigin.setFont(new Font("Tahoma", Font.BOLD, 15));
lblOrigin.setBounds(87, 156, 136, 37);
contentPane.add(lblOrigin);

JLabel lblDestination = new JLabel("DEPARTURE TIME :");
lblDestination.setForeground(Color.WHITE);
lblDestination.setFont(new Font("Tahoma", Font.BOLD, 15));
lblDestination.setBounds(87, 271, 159, 37);
contentPane.add(lblDestination);

t1 = new JTextField();
t1.setFont(new Font("Tahoma", Font.PLAIN, 15));
t1.setColumns(10);
t1.setBounds(244, 97, 249, 37);
contentPane.add(t1);

cb1 = new JComboBox();
cb1.setFont(new Font("Tahoma", Font.PLAIN, 15));
cb1.setBounds(244, 156, 249, 37);
contentPane.add(cb1);

t3 = new JTextField();
t3.setFont(new Font("Tahoma", Font.PLAIN, 15));
t3.setColumns(10);
t3.setBounds(244, 212, 249, 37);
contentPane.add(t3);

try {
    Class.forName("oracle.jdbc.driver.OracleDriver");
    Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

    Statement stmt=(Statement) con.createStatement();
    String r="select ROUTE_ID from ROUTE";

    ResultSet res=stmt.executeQuery(r);

    while(res.next())

```

```

        {
            cb1.addItem(res.getString(1));
        }
    }
    catch(Exception se){}

    JButton btnAdd = new JButton("ADD");
    btnAdd.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e)
        {
            try {
                Class.forName("oracle.jdbc.driver.OracleDriver");
                Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

                String s1=t1.getText();
                String s2=cb1.getItemAt(cb1.getSelectedIndex()).toString();
                String s3=t3.getText();
                String s4=t4.getText();
                String s5=t5.getText();

                String q="insert into BUS
values('"+s1+"','"+s2+"','"+s3+"','"+s4+"','"+s5+"')";
                stmt.executeUpdate(q);

                JOptionPane.showMessageDialog(null, "You have
successfully added bus");

                new Abus().setVisible(true);
                setVisible(false);
            }
            catch(Exception se){}
        }
    });
    btnAdd.setFont(new Font("Tahoma", Font.BOLD, 18));
    btnAdd.setBounds(393, 428, 100, 40);
    contentPane.add(btnAdd);

    lblArrivalTime = new JLabel("ARRIVAL TIME :");
    lblArrivalTime.setForeground(Color.WHITE);
    lblArrivalTime.setFont(new Font("Tahoma", Font.BOLD, 15));
    lblArrivalTime.setBounds(87, 212, 136, 37);

```

```
contentPane.add(lblArrivalTime);
```

```
lblRouteld_2 = new JLabel("FARE :");  
lblRouteld_2.setForeground(Color.WHITE);  
lblRouteld_2.setFont(new Font("Tahoma", Font.BOLD, 15));  
lblRouteld_2.setBounds(87, 335, 136, 37);  
contentPane.add(lblRouteld_2);
```

```
t4 = new JTextField();  
t4.setFont(new Font("Tahoma", Font.PLAIN, 15));  
t4.setColumns(10);  
t4.setBounds(244, 271, 249, 37);  
contentPane.add(t4);
```

```
t5 = new JTextField();  
t5.setFont(new Font("Tahoma", Font.PLAIN, 15));  
t5.setColumns(10);  
t5.setBounds(244, 337, 249, 37);  
contentPane.add(t5);
```

```
lblAddBus = new JLabel("ADD BUS");  
lblAddBus.setForeground(Color.WHITE);  
lblAddBus.setFont(new Font("Times New Roman", Font.BOLD, 30));  
lblAddBus.setBackground(Color.YELLOW);  
lblAddBus.setBounds(228, 0, 147, 67);  
contentPane.add(lblAddBus);
```

```
btnBack = new JButton("BACK");  
btnBack.addActionListener(new ActionListener() {  
    public void actionPerformed(ActionEvent e)  
    {  
        new Abus().setVisible(true);  
        setVisible(false);  
    }  
});
```

```
btnBack.setFont(new Font("Tahoma", Font.BOLD, 18));  
btnBack.setBounds(87, 428, 100, 40);  
contentPane.add(btnBack);
```

```
lblNewLabel = new JLabel("");  
lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);  
lblNewLabel.setIcon(new  
ImageIcon("C:\\Users\\MANU\\Downloads\\13327.jpg"));
```

```

        lblNewLabel.setBounds(0, 0, 610, 543);
        contentPane.add(lblNewLabel);
    }
}

```

ADD BUS

BUS ID :

ROUTE ID :

ARRIVAL TIME :

DEPARTURE TIME :

FARE :

BACK **ADD**

VIEW USERS

```

import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;

```

```

import javax.swing.border.EmptyBorder;

import javax.swing.JLabel;
import java.awt.Font;
import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import java.awt.event.ActionEvent;
import javax.swing.JComboBox;
import java.awt.event.ItemListener;
import java.awt.event.ItemEvent;
import javax.swing.JPasswordField;
import java.awt.Color;
import javax.swing.DefaultComboBoxModel;
import javax.swing.ImageIcon;
import javax.swing.SwingConstants;

public class Uprofile extends JFrame {

    private JPanel contentPane;
    private JComboBox cb1;
    private JTextField t2;
    private JPasswordField t3;
    private JTextField t4;
    private JTextField t5;
    private JButton btnLogout;
    private JLabel lblUsers;
    private JLabel lblNewLabel;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Uprofile frame = new Uprofile();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        })
    }
}

```

```

    });
}

public Uprofile() {
    setTitle("USERS");
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 654, 521);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);
    contentPane.setLayout(null);

    JLabel lblPassengerId = new JLabel("PASSENGER ID :");
    lblPassengerId.setForeground(Color.WHITE);
    lblPassengerId.setFont(new Font("Tahoma", Font.BOLD, 15));
    lblPassengerId.setBounds(128, 85, 147, 32);
    contentPane.add(lblPassengerId);

    JLabel lblUsername = new JLabel("USERNAME :");
    lblUsername.setForeground(Color.WHITE);
    lblUsername.setFont(new Font("Tahoma", Font.BOLD, 15));
    lblUsername.setBounds(128, 138, 147, 32);
    contentPane.add(lblUsername);

    JLabel lblPassword = new JLabel("PASSWORD :");
    lblPassword.setForeground(Color.WHITE);
    lblPassword.setFont(new Font("Tahoma", Font.BOLD, 15));
    lblPassword.setBounds(128, 195, 147, 32);
    contentPane.add(lblPassword);

    JLabel lblMobileNo = new JLabel("MOBILE NO :");
    lblMobileNo.setForeground(Color.WHITE);
    lblMobileNo.setFont(new Font("Tahoma", Font.BOLD, 15));
    lblMobileNo.setBounds(128, 254, 147, 32);
    contentPane.add(lblMobileNo);

    JLabel lblEmail = new JLabel("E-MAIL :");
    lblEmail.setForeground(Color.WHITE);
    lblEmail.setFont(new Font("Tahoma", Font.BOLD, 15));
    lblEmail.setBounds(128, 307, 147, 32);
    contentPane.add(lblEmail);

    cb1 = new JComboBox();

```



```

        cb1.setModel(new DefaultComboBoxModel(new String[] {"-select-"}));
        cb1.setFont(new Font("Tahoma", Font.BOLD, 15));
        cb1.addItemListener(new ItemListener() {
            public void itemStateChanged(ItemEvent e)
            {
                try
                {
                    Class.forName("oracle.jdbc.driver.OracleDriver");
                    Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

                    String s1=cb1.getItemAt(cb1.getSelectedIndex()).toString();

                    String q="select * from PASSENGER where PASSENGER_ID =
"+s1+"";

                    ResultSet res=stmt.executeQuery(q);

                    if(res.next())
                    {
                        t2.setText(res.getString(2));
                        t3.setText(res.getString(3));
                        t4.setText(res.getString(4));
                        t5.setText(res.getString(5));

                    }

                }
                catch(Exception se) {}
            }
        });

        try {
            Class.forName("oracle.jdbc.driver.OracleDriver");
            Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

            Statement stmt=(Statement) con.createStatement();
            String r="select * from PASSENGER";

            ResultSet res=stmt.executeQuery(r);

```

```

while(res.next())
{
    cb1.addItem(res.getString(1));
}
}
catch(Exception se){}

cb1.setBounds(285, 85, 89, 32);
contentPane.add(cb1);

t2 = new JTextField();
t2.setFont(new Font("Tahoma", Font.PLAIN, 15));
t2.setEditable(false);
t2.setColumns(10);
t2.setBounds(285, 138, 207, 32);
contentPane.add(t2);

t3 = new JPasswordField();
t3.setFont(new Font("Tahoma", Font.PLAIN, 15));
t3.setEditable(false);
t3.setColumns(10);
t3.setBounds(285, 195, 207, 32);
contentPane.add(t3);

t4 = new JTextField();
t4.setFont(new Font("Tahoma", Font.PLAIN, 15));
t4.setEditable(false);
t4.setColumns(10);
t4.setBounds(285, 255, 207, 32);
contentPane.add(t4);

t5 = new JTextField();
t5.setFont(new Font("Tahoma", Font.PLAIN, 15));
t5.setEditable(false);
t5.setColumns(10);
t5.setBounds(285, 308, 207, 32);
contentPane.add(t5);

btnLogout = new JButton("BACK");
btnLogout.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e)
    {
        new Amain().setVisible(true);
    }
}

```

```

        setVisible(false);
    }
});
btnLogout.setFont(new Font("Tahoma", Font.BOLD, 16));
btnLogout.setBounds(392, 382, 100, 40);
contentPane.add(btnLogout);

lblUsers = new JLabel("USER DETAILS");
lblUsers.setForeground(Color.WHITE);
lblUsers.setFont(new Font("Times New Roman", Font.BOLD, 30));
lblUsers.setBackground(Color.YELLOW);
lblUsers.setBounds(198, 0, 235, 67);
contentPane.add(lblUsers);

lblNewLabel = new JLabel("");
lblNewLabel.setHorizontalAlignment(SwingConstants.RIGHT);
lblNewLabel.setIcon(new
ImageIcon("C:\\Users\\MANU\\Downloads\\material-design-black-abstract-background-
vector-art-green.jpg"));
lblNewLabel.setBounds(0, 0, 640, 484);
contentPane.add(lblNewLabel);
}
}

```

USER DETAILS

PASSENGER ID :

-select- ▼

USERNAME :

PASSWORD :

MOBILE NO :

E-MAIL :

BACK

VIEW BOOKING

```
import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JScrollPane;
import javax.swing.JTable;
import javax.swing.table.DefaultTableModel;

import net.proteanit.sql.DbUtils;

import java.awt.Font;
import java.sql.Connection;
```

```

import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JLabel;
import java.awt.Color;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.ImageIcon;

public class Abook extends JFrame {

    private JPanel contentPane;
    private.JTable tb;
    private JLabel lblBookingDetails;
    private JButton btnLogout;
    private JLabel label;

    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    Abook frame = new Abook();
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public Abook() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 811, 498);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JScrollPane scrollPane = new JScrollPane();
        scrollPane.setBounds(121, 87, 532, 209);
        contentPane.add(scrollPane);
    }

```

```

tb = new JTable();
tb.setFont(new Font("Tahoma", Font.PLAIN, 15));
tb.setModel(new DefaultTableModel(
    new Object[][] {
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
        {null, null, null, null, null},
    },
    new String[] {
        "New column", "New column", "New column", "New column",
        "New column"
    }
));
scrollPane.setViewportView(tb);

try {
    Class.forName("oracle.jdbc.driver.OracleDriver");
    Connection
con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:orcl","system","Man
u1234");

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

    ResultSet rs=stmt.executeQuery("select * from TICKET");
    tb.setModel(DbUtils.resultSetToTableModel(rs));

    lblBookingDetails = new JLabel("BOOKING DETAILS");
    lblBookingDetails.setForeground(Color.WHITE);
    lblBookingDetails.setFont(new Font("Times New Roman", Font.BOLD,
30));

    lblBookingDetails.setBackground(Color.YELLOW);
    lblBookingDetails.setBounds(240, 0, 302, 67);
    contentPane.add(lblBookingDetails);

    btnLogout = new JButton("BACK");
    btnLogout.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e)

```

```

        {
            new Amain().setVisible(true);
            setVisible(false);
        }
    });
    btnLogout.setFont(new Font("Tahoma", Font.BOLD, 18));
    btnLogout.setBounds(345, 351, 100, 40);
    contentPane.add(btnLogout);

    label = new JLabel("");
    label.setIcon(new
    ImageIcon("C:\\Users\\MANU\\Downloads\\1116905.jpg"));
    label.setBounds(0, 0, 797, 461);
    contentPane.add(label);
    }
    catch(Exception e1){}
}
}

```

