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Project Requisite

Airline reservation systems were first introduced in the late 1950s as relatively simple standalone systems to control flight inventory, maintain flight schedules, seat assignments and aircraft loading. The modern airline reservation system is comprehensive suite of products to provide a system that assists with a variety of airline management tasks and service customer needs from the time of initial reservation through completion of the flight.

The World Wide Web has become tremendously popular over the last four years, and currently most of the airlines have made provision for online reservation of their flights. The Internet has become a major resource for people looking for making reservations online without the hassle of meeting travel agents.

SYSTEM REQUIREMENTS AND

SPECIFICATIONS

To develop a new system certain hardware and software specifications are needed

**HARDWARE SPECIFICATIONS**

1. System -IBM-Compatible PC

2.Processor -Pentium 4

3.Speed - 2.0 Ghz

4. Memory -256 MB Ram

5. Hard Disk -20 GB

**SOFTWARE SPECIFICATIONS**

1. Operating System -Windows XP or above

2.Development Environment - Netbeans with IDE

3. Front End - Java

4. Back End - MySQL

Database Dictionary

LOGIN

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default |
| username | varchar(30) | YES |  | NULL |
| password | varchar(30) | YES |  | NULL |

FLIGHT\_INFO

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default |
| Fight\_id | varchar(10) | NO | PRI |  |
| Start\_from | varchar(40) | YES |  | NULL |
| Destination | varchar(40) | YES |  | NULL |
| Rate | int(11) | YES |  | NULL |
| Departure | int(11) | YES |  | NULL |
| Arrival | int(11) | YES |  | NULL |
| Unbooked\_seats | int(11) | YES |  | NULL |

PASSENGER

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default |
| Name | varchar(30) | YES |  | NULL |
| Country | varchar(40) | YES |  | NULL |
| Gender | varchar(10) | YES |  | NULL |
| Username | varchar(40) | NO | PRI | NULL |
| Passport\_no | int(11) | YES |  | NULL |

RESERVATION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default |
| Flight\_id | varchar(30) | YES |  | NULL |
| Name | varchar(30) | YES |  | NULL |
| Passport\_no | int(11) | YES |  | NULL |
| Start | varchar(40) | YES |  | NULL |
| Destination | varchar(40) | YES |  | NULL |
| No\_of\_passengers | int(11) | YES |  | NULL |
| Total\_price | int(11) | YES |  | NULL |

ADMIN

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default |
| name | varchar(20) | YES |  | NULL |
| Username | varchar(30) | YES |  | NULL |
| Password | Varchar(30) | YES |  | NULL |

Source Code

Welcome Page

package JJJ\_Project;

import javax.swing.JOptionPane;

public class A\_Welcome\_page extends javax.swing.JFrame {

String name=null;

String g=null;

String j1=null;

public A\_Welcome\_page() {

initComponents();

}

**//SOURCE CODE FOR ‘CREATE AN ACOOUNT’**

String f=first.getText();

String s=sec.getText();

j1=(String)co.getSelectedItem();

if(M.isSelected())

{ g="Male"; }

else if(F.isSelected())

{ g="Female"; }

name=f+" "+s;

B\_SignUp ss=new B\_SignUp();

B\_SignUp.nm.setText(this.name);

B\_SignUp.ctr.setText(this.j1);

B\_SignUp.gen.setText(this.g);

ss.setVisible(true);

this.dispose();

**//SOURCE CODE FOR ‘LOGIN’**

new D\_Login().setVisible(true);

this.dispose();

**//SOURCE CODE FOR ‘A.D.M.I.N’**

new Admin\_Login().setVisible(true);

this.dispose();

public static void main(String args[]) {

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

public void run() {

new A\_Welcome\_page().setVisible(true);

}

});}

Sign up page

package JJJ\_Project;

import java.sql.\*;

import java.util.\*;

import java.util.Date;

import javax.swing.JOptionPane;

public class B\_SignUp extends javax.swing.JFrame {

String n=null;

String c=null;

String g=null;

public B\_SignUp() {

initComponents();

}

**//SOURCE CODE FOR WINDOWS OPENED EVENT**

nm.setEditable(false);

ctr.setEditable(false);

gen.setEditable(false);

create.setEnabled(false);

**//SOURCE CODE FOR ‘CONTINUE’**

String e=new String(pa.getPassword());

String e1=new String(pa1.getPassword());

if(e.equals(e1))

{ create.setEnabled(true);}

else

{ create.setEnabled(false);}

C\_welcome\_user w=new C\_welcome\_user();

C\_welcome\_user.l1.setText(this.n);

**//SOURCE CODE FOR ‘SIGNUP’**

n=nm.getText();

c=ctr.getText();

g=gen.getText();

String usr=usr1.getText();

String pass=new String(pa1.getPassword());

String pp=passport.getText();

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

Statement o=con.createStatement();

String q="insert into passenger values('"+n+"','"+c+"','"+g+"','"+usr+"',"+pp+");";

String l="insert into login values('"+usr+"','"+pass+"');";

s.executeUpdate(q);

o.executeUpdate(l);

}

catch(Exception e) {

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

}

C\_welcome\_user cc=new C\_welcome\_user();

C\_welcome\_user.l1.setText("Welcome "+n);

cc.setVisible(true);

this.dispose();

}

**//SOURCE CODE FOR WINDOWS OPENED EVENT**

nm.setEditable(false);

ctr.setEditable(false);

gen.setEditable(false);

create.setEnabled(false);

**//SOURCE CODE FOR BACK BUTTON**

new A\_Welcome\_page().setVisible(true);

this.dispose();

Login Page

package JJJ\_Project;

import java.sql.\*;

import javax.swing.JOptionPane;

public class D\_Login extends javax.swing.JFrame {

public D\_Login() {

initComponents();

}

**//SOURCE CODE FOR WINDOW OPENED EVENT**

error.setVisible(false);

**//SOURCE CODE FOR ‘LOGIN’**

String nam=usr.getText();

String pa=new String(pass.getPassword());

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

String q="select \* from login where username like '"+nam+"' and password like '"+pa+"';" ;

ResultSet rs=s.executeQuery(q);

if(rs.next())

{ String pss=rs.getString("password");

String name=rs.getString("username");

new E\_Book().setVisible(true);

this.dispose();

}

else

error.setVisible(true);

}

catch(Exception e)

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

Welcome user form

package JJJ\_Project;

public class C\_welcome\_user extends javax.swing.JFrame {

public C\_welcome\_user() {

initComponents();

}

**//SOURCE CODE FOR ‘LOGGING IN’**

new E\_Book().setVisible(true);

this.dispose();

**Flight Details Booking Page**

package JJJ\_Project;

import javax.swing.table.DefaultTableModel;

import java.sql.\*;

import javax.swing.JOptionPane;

public class E\_Book extends javax.swing.JFrame {

public E\_Book() {

initComponents();

}

**//SOURCE CODE FOR WINDOWS OPENED EVENT**

DefaultTableModel tab=(DefaultTableModel)t1.getModel();

try{

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

String q="select\* from flight\_info;";

ResultSet rs=s.executeQuery(q);

while(rs.next()){

String fid=rs.getString("flight\_id");

String str=rs.getString("Start\_from");

String end=rs.getString("destination");

int rt=rs.getInt("rate");

int dpr=rs.getInt("departure");

int arv=rs.getInt("arival");

int us=rs.getInt("Unbooked\_seats");

Object[] tm={fid,str,end,rt,dpr,arv,us};

tab.addRow(tm);

}

con.close();

s.close();

rs.close();

}

catch(Exception e) {

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

}

t1.setEnabled(true);

Reservation Page

package JJJ\_Project;

import java.sql.\*;

import javax.swing.JOptionPane;

public class F\_Reservation extends javax.swing.JFrame {

int pn;

String na;

int nopass;

String fi;

String st;

String des;

int dept;

int pp;

public F\_Reservation() {

initComponents();

}

**//SOURCE CODE FOR FLIGHT ‘SEARCH’**

fi=fid.getText();

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

Statement o=con.createStatement();

String q="select \* from flight\_info where flight\_id='"+fi+"';";

ResultSet rs=s.executeQuery(q);

while(rs.next()){

String str=rs.getString("Start\_from");

String p=rs.getString("Destination");

int dp=rs.getInt("departure");

int price=rs.getInt("rate");

sp.setText(str);

dd.setText(p);

dpt.setText(""+dp);

ppp.setText(""+price);

}}

catch(Exception e) {

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

}

**//SOURCE CODE FOR USER ‘SEARCH’**

String u=user.getText();

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

Statement o=con.createStatement();

String q="select \* from passenger where username='"+u+"';";

ResultSet rs=s.executeQuery(q);

while(rs.next()){

String n=rs.getString("Name");

int p=rs.getInt("passport\_no");

name.setText(n);

passno.setText(""+p);

}}

catch(Exception e) {

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

}

**//SOURCE CODE FOR ‘CONFIRM RESERVATION’**

int n=Integer.parseInt(not.getText());

int p=Integer.parseInt(ppp.getText());

pp=n\*p;

na=name.getText();

pn=Integer.parseInt(passno.getText())

nopass=Integer.parseInt(not.getText());

fi=fid.getText();

st=sp.getText();

des=dd.getText();

dept=Integer.parseInt(dpt.getText());

G\_confirm cc=new G\_confirm();

G\_confirm.nam.setText(this.na);

G\_confirm.pno.setText(""+this.pn);

G\_confirm.fid.setText(""+this.fi);

G\_confirm.from.setText(this.st);

G\_confirm.to.setText(this.des);

G\_confirm.nop.setText(""+this.nopass);

G\_confirm.totp.setText(""+this.pp);

cc.setVisible(true);

this.dispose();

**//SOURCE CODE FOR ‘FLIGHT INFO’**

new E1\_Flight\_Info().setVisible(true);

this.dispose();

Confirm Page

package JJJ\_Project;

import java.sql.\*;

import javax.swing.JOptionPane;

public class G\_confirm extends javax.swing.JFrame {

String name;

String flight;

int passport;

String start;

String dest;

int nom;

int tot;

public G\_confirm() {

initComponents();

}

**//SOURCE CODE FOR WINDOW OPENED EVENT**

nam.setEditable(false);

pno.setEditable(false);

fid.setEditable(false);

from.setEditable(false);

to.setEditable(false);

nop.setEditable(false);

totp.setEditable(false);

**//SOURCE CODE FOR ‘CONFIRM’**

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

String q="insert into reservation values('"+flight+"','"+name+"',"+passport+",'"+start+"','"+dest+"',"+nom+","+tot+");";

String u="update flight\_info set Unbooked\_seats=unbooked\_seats-"+nom+" where flight\_id like '"+flight+"';";

s.executeUpdate(q);

s.executeUpdate(u);

}

catch(Exception e) {

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

}

String h="Heaven Airlines";

H\_Last ll=new H\_Last();

H\_Last.ta1.append(" \n You e-Ticket \n");

H\_Last.ta1.append("Name :\t"+this.name+"\n");

H\_Last.ta1.append("Airlines:\tHeaven Airlines\n");

H\_Last.ta1.append("Flight Number:\t"+this.flight+"\n");

H\_Last.ta1.append("From: "+this.start+"\t To:"+this.dest+"\n");

H\_Last.ta1.append("Number of Passengers:"+this.nom+"\n");

ll.setVisible(true);

this.dispose();

public static void main(String args[]) {

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

public void run() {

new G\_confirm().setVisible(true);

}

});

}

Print Page

package JJJ\_Project;

import java.awt.print.PrinterException;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.print.PrintException;

import javax.swing.JOptionPane;

public class H\_Last extends javax.swing.JFrame {

public H\_Last() {

initComponents();

}

**//SOURCE CODE FOR WINDOW OPENED EVENT**

JOptionPane.showMessageDialog(null,"Take your e-Ticket along with an ID proof/Passport\n to your nearest Airport to avail your flight. ");

JOptionPane.showMessageDialog(null,"Thank you for using Heaven Airlines. \n We'll take you straight to Heaven ;)");

**//SOURCE CODE FOR ‘PRINT’**

try {

Boolean c = ta1.print();

}

catch (PrinterException ex) {

Logger.getLogger(H\_Last.class.getName()).log(Level.SEVERE, null, ex); }

**//SOURCE CODE FOR ‘HOME’**

new A\_Welcome\_page().setVisible(true);

this.dispose();

A.D.M.I.N Login Page

package JJJ\_Project;

import java.sql.\*;

import javax.swing.JOptionPane;

public class Admin\_Login extends javax.swing.JFrame {

public Admin\_Login() {

initComponents();

}

**//SOURCE CODE FOR WINDOW OPENED EVENT**

error.setVisible(false);

**//SOURCE CODE FOR ‘LOGIN’**

String nam=t1.getText();

String pa=new String(p1.getPassword());

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

String q="select \* from admin where username like '"+nam+"' and password like '"+pa+"';" ;

ResultSet rs=s.executeQuery(q);

if(rs.next()){

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

String name=rs.getString("username");

new AdminView().setVisible(true);

this.dispose();

}

else

error.setVisible(true);

}

catch(Exception e)

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

**//SOURCE CODE FOR BACK BUTTON**

new A\_Welcome\_page().show();

this.dispose();

public static void main(String args[]) {

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

public void run() {

new Admin\_Login().setVisible(true);

}

});

}

A.D.M.I.N Welcome Page

package JJJ\_Project;

import javax.swing.table.DefaultTableModel;

import java.sql.\*;

import javax.swing.JOptionPane;

public class AdminView extends javax.swing.JFrame {

public AdminView() {

initComponents();

}

**//SOURCE CODE FOR WINDOW OPENED EVENT**

DefaultTableModel tab=(DefaultTableModel)ta.getModel();

try{

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

String q="select\* from flight\_info;";

ResultSet rs=s.executeQuery(q);

while(rs.next()){

String fid=rs.getString("flight\_id");

String str=rs.getString("Start\_from");

String end=rs.getString("destination");

int rt=rs.getInt("rate");

int dpr=rs.getInt("departure");

int arv=rs.getInt("arival");

int us=rs.getInt("Unbooked\_seats");

Object[] tm={fid,str,end,rt,dpr,arv,us};

tab.addRow(tm);

}

}

catch(Exception e) {

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

}

}

**//SOURCE CODE FOR ‘ADD FLIGHT’**

new ADDflight().setVisible(true);

this.dispose();

**//SOURCE CODE FOR ‘DELETE FLIGHT’**

new DELETEflight().setVisible(true);

this.dispose();

**//SOURCE CODE FOT ‘UPDATE RESERVATION’**

new B\_Adreser().setVisible(true);

this.dispose();

**//SOURCE CODE FOR ‘HOME’**

new Welcome\_page().setVisible(true);

this.dispose();

public static void main(String args[]) {

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

public void run() {

new AdminView().setVisible(true);

}

});

}

Add Flight Page

package JJJ\_Project;

import java.sql.\*;

import javax.swing.JOptionPane;

public class ADDflight extends javax.swing.JFrame {

ResultSet rs=null;

String flid;

String frm;

String to;

int rr;

int str;

int des;

int sts;

public ADDflight() {

initComponents();

}

**//SOURCE CODE FOR WINDOW OPENED EVENT**

try{

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

String q="select\* from flight\_Info;";

rs=s.executeQuery(q);

rs.last();

String rc=rs.getString("flight\_id");

String r=rc.substring(2,5);

int c=Integer.parseInt(r);

int a=c+1;

String k=Integer.toString(a);

FlightID.setText("QR"+k);

} catch(Exception e) {

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

}

FlightID.setEditable(false);

from.grabFocus();

**//SOURCE CODE FOR ‘ADD’**

flid=FlightID.getText();

frm=from.getText();

to=To.getText();

str=Integer.parseInt(dpttime.getText());

des=Integer.parseInt(totime.getText());

rr=Integer.parseInt(rate.getText());

sts=Integer.parseInt(seats.getText());

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

String q="insert into flight\_info values('"+flid+"','"+frm+"','"+to+"',"+rr+","+str+","+des+","+sts+");";

s.executeUpdate(q);

}

catch(Exception e) {

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

}

JOptionPane.showMessageDialog(null,"The Flightt was successfully Added");

new AdminView().show();

this.dispose();

**//SOURCE CODE FOR BACK BUTTON**

new AdminView().setVisible(true);

this.dispose();

public static void main(String args[]) {

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

public void run() {

new ADDflight().setVisible(true);

}

});

}

Delete Flight Page

package JJJ\_Project;

import javax.swing.JOptionPane;

import java.sql.\*;

public class DELETEflight extends javax.swing.JFrame {

String flid;

String frm;

String to;

int rr;

int str;

int des;

int sts;

public DELETEflight() {

initComponents();

}

**//SOURCE CODE FOR SEARCH**

flid=FlightID.getText(

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

Statement o=con.createStatement();

String q="select\* from flight\_info where flight\_id='"+flid+"';";

ResultSet rs=s.executeQuery(q);

while(rs.next()){

String str=rs.getString("Start\_from");

String p=rs.getString("Destination");

int dp=rs.getInt("departure");

int price=rs.getInt("rate");

int seat=rs.getInt("unbooked\_seats");

int a=rs.getInt("arival");

from.setText(str);

To.setText(p);

dpttime.setText(""+dp);

rate.setText(""+price);

seats.setText(""+seat);

totime.setText(""+a);

}}

catch(Exception e) {

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

}

**//SOURCE CODE FOR ‘DELETE’**

int response= JOptionPane.showConfirmDialog(null,"Are you sure you want to delete the flight?", "Confirm",

JOptionPane.YES\_NO\_OPTION, JOptionPane.QUESTION\_MESSAGE);

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

System.out.println("Yes button clicked");

}

flid=FlightID.getText();

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

String q="delete from flight\_info where flight\_id like '"+flid+"';";

s.executeUpdate(q);

}

catch(Exception e) {

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

}

JOptionPane.showMessageDialog(null,"The message was successfully Deleted");

if (response == JOptionPane.NO\_OPTION) {

System.out.println("No button clicked");

}

}

**//SOURCE CODE FOR FLIGHT SEARCH**

flid=FlightID.getText();

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

Statement o=con.createStatement();

String q="select \* from flight\_info where flight\_id= '"+flid+"';";

ResultSet rs=s.executeQuery(q);

while(rs.next()){

String str=rs.getString("Start\_from");

String p=rs.getString("Destination");

int dp=rs.getInt("departure");

int price=rs.getInt("rate");

int seat=rs.getInt("unbooked\_seats");

int a=rs.getInt("arival");

from.setText(str);

To.setText(p);

dpttime.setText(""+dp);

rate.setText(""+price);

seats.setText(""+seat);

totime.setText(""+a);

}}

catch(Exception e) {

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

}

**//SOURCE CODE FOR BACK BUTTON**

new AdminView().setVisible(true);

this.dispose();

public static void main(String args[]) {

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

public void run() {

new DELETEflight().setVisible(true);

}

});

}

Cancel Reservation Page

package JJJ\_Project;

import java.sql.\*;

import javax.swing.JOptionPane;

public class CancelReser extends javax.swing.JFrame {

public CancelReser() {

initComponents();

}

**//SOURCE CODE FOR WINDOW OPENED EVENT**

f.setEditable(false);

p.setEditable(false);

**//SOURCE CODE FOR SEARCH**

String a=nm.getText();

String b=frm.getText();

String c=to.getText();

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

Statement o=con.createStatement();

String q="select \* from reservation where name='"+a+"' and Start='"+b+"' and destination='"+c+"';";

ResultSet rs=s.executeQuery(q);

while(rs.next()){

String n=rs.getString("flight\_id");

int j=rs.getInt("passport\_number");

f.setText(n);

p.setText(""+j);

}}

catch(Exception e) {

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

}

**//SOURCE CODE FOR ‘CANCEL RESERVATION’**

int response = JOptionPane.showConfirmDialog(null, "Are you sure you want to delete the flight?", "Confirm",

JOptionPane.YES\_NO\_OPTION, JOptionPane.QUESTION\_MESSAGE);

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

System.out.println("Yes button clicked");

}

String fid=f.getText();

int pppp=Integer.parseInt(p.getText());

try {

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

String q="delete from reservation where flight\_id like '"+fid+"' and passport\_number="+pppp+";";

s.executeUpdate(q);

}

catch(Exception e) {

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

}

JOptionPane.showMessageDialog(null,"Task Completed");

if (response == JOptionPane.NO\_OPTION) {

System.out.println("No button clicked");

**//SOURCE CODE FOR BACK BUTTON**

new B\_Adreser().show();

public static void main(String args[]) {

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

public void run() {

new CancelReser().setVisible(true);

}

});

Flight Details Page

package JJJ\_Project;

import javax.swing.table.DefaultTableModel;

import java.sql.\*;

import javax.swing.JOptionPane;

public class E1\_Flight\_Info extends javax.swing.JFrame {

public E1\_Flight\_Info() {

initComponents();

}

**//SOURCE CODE FOR WINDOW OPENED EVENT**

DefaultTableModel tab=(DefaultTableModel)t1.getModel();

try{

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

String url="jdbc:mysql://localhost:3306/JJJ\_Project";

String user="root";

String password="root";

Connection con=DriverManager.getConnection(url,user,password);

Statement s=con.createStatement();

String q="select\* from flight\_info;";

ResultSet rs=s.executeQuery(q);

while(rs.next()){

String fid=rs.getString("flight\_id");

String str=rs.getString("Start\_from");

String end=rs.getString("destination");

int rt=rs.getInt("rate");

int dpr=rs.getInt("departure");

int arv=rs.getInt("arival");

int us=rs.getInt("Unbooked\_seats");

Object[] tm={fid,str,end,rt,dpr,arv,us};

tab.addRow(tm);

}

con.close();

s.close();

rs.close();

}

catch(Exception e) {

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

}

**//SOURCE CODE FOR BACK BUTTON**

new F\_Reservation().setVisible(true);

this.dispose();

public static void main(String args[]) {

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

public void run() {

new E1\_Flight\_Info().setVisible(true);

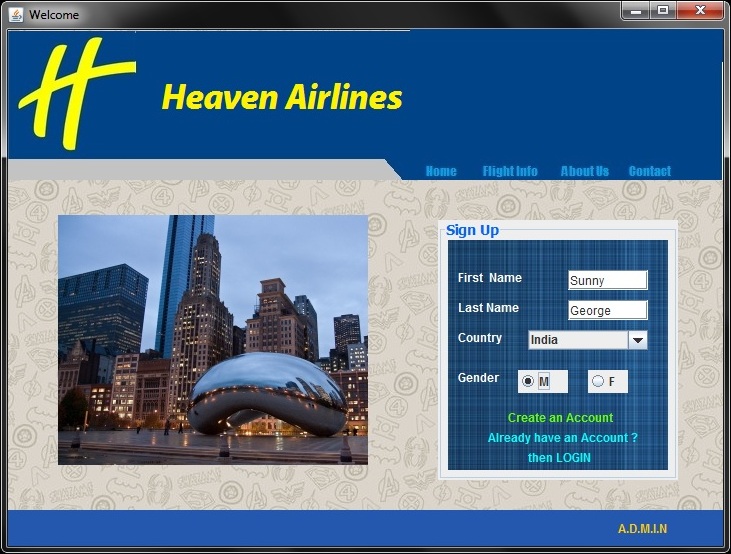
}

});

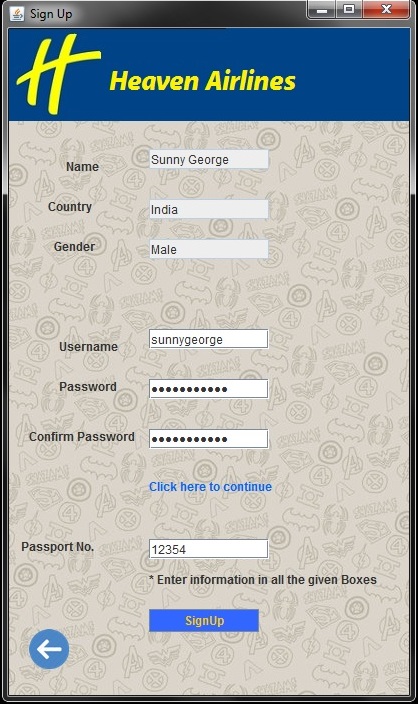
}

Output

// Welcome Form



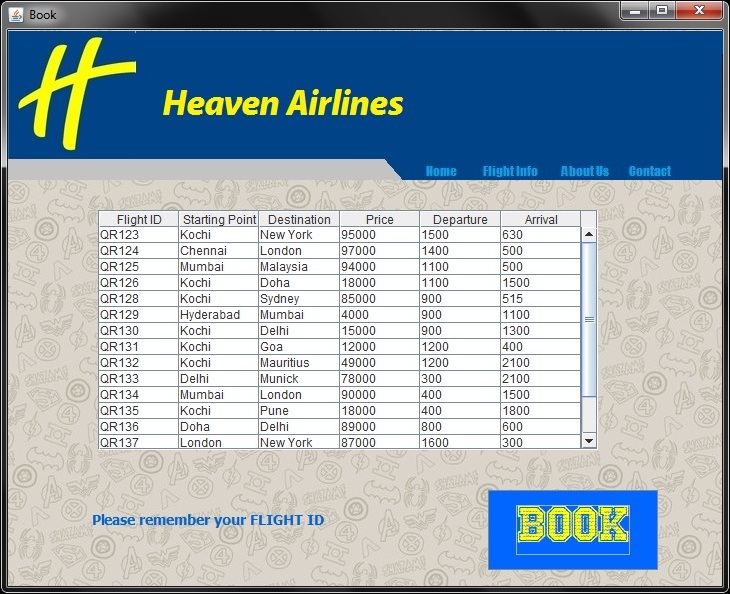
// Sign Up Form



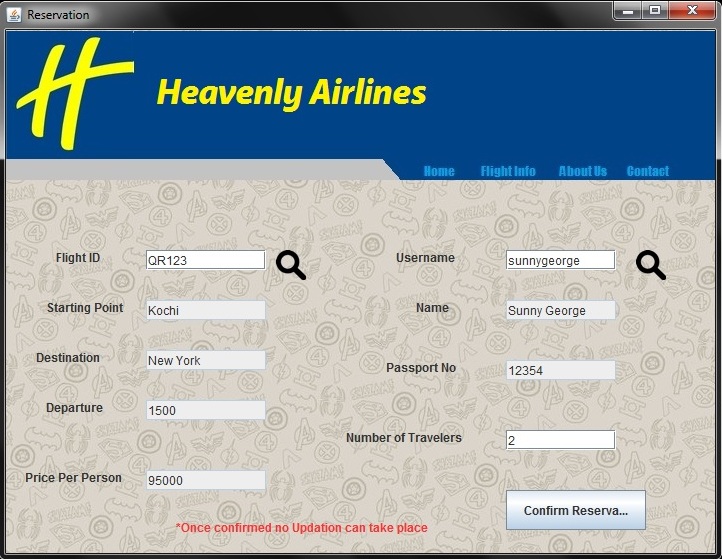
// User Welcome Form



//Booking Details Form



// Reservation Form



// Flight Details Form (in case the customer forgot the Flight ID)



// Flight Confirmation Form



// Printing Form (First Message)



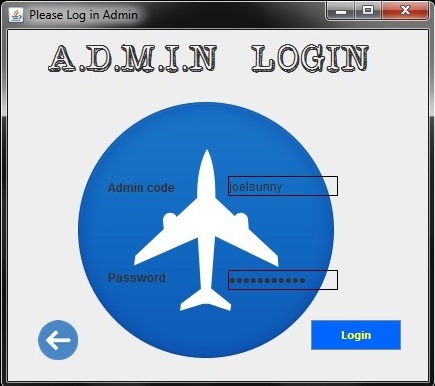
//Printing Form(Second Message)



// Printing Form



//A.D.M.I.N Login



// A.D.M.I.N Welcome form



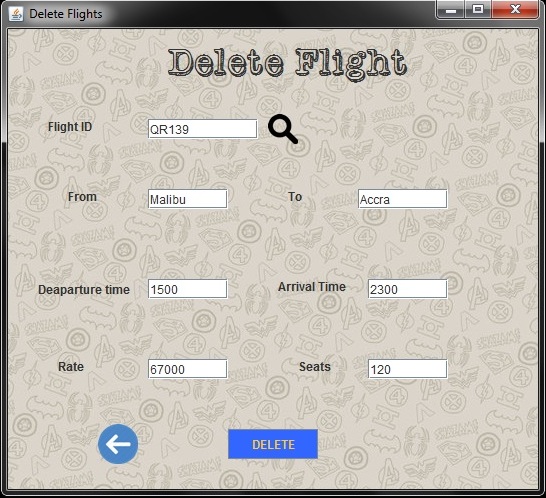
// Add Flight Form (before deletion)



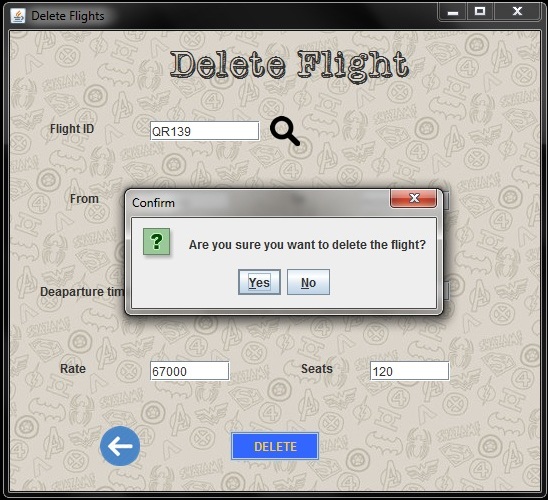
// Add Flight Form (after deletion)



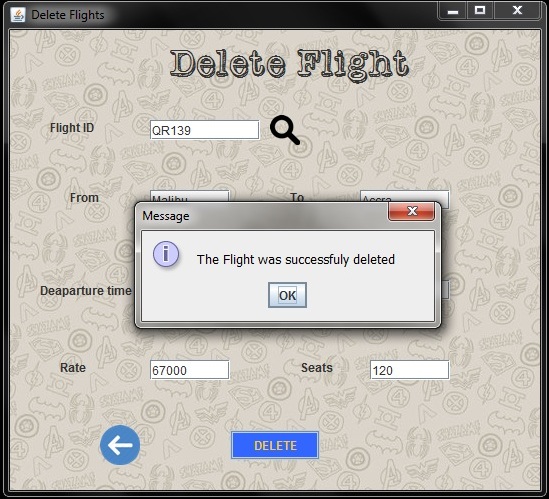
//Delete Flight Form (before deletion)



//Delete Flight Form(before deletion)



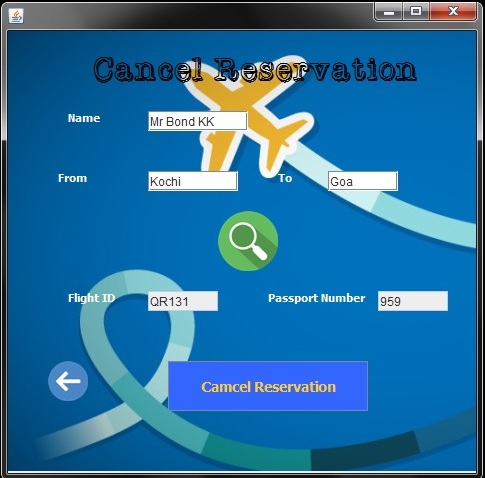
//Deletion Form (after deletion)



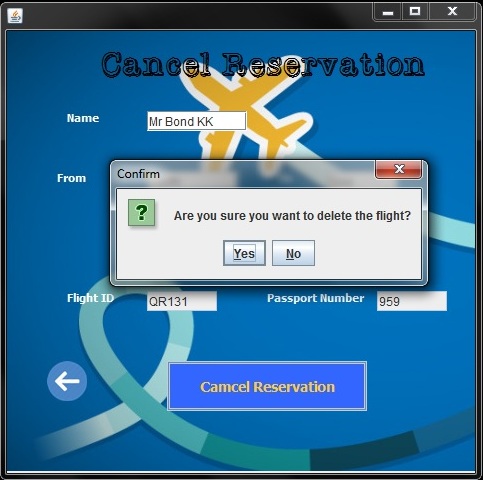
//Reservation Update Form



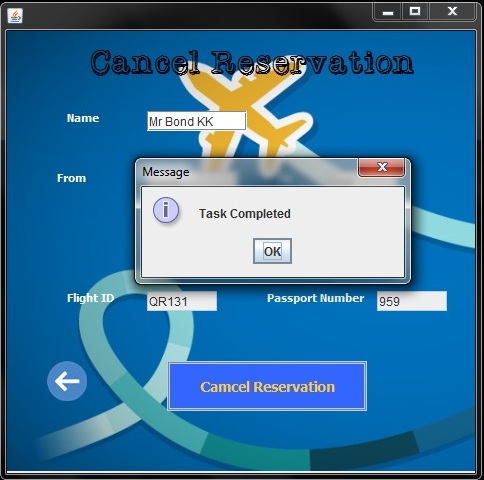
//Cancel Reservation Form(before deletion)



//Cancel Reservation Form(before deletion)



// Cancel Reservation (after deletion)



Your e-Ticket

Name: Sunny George Airlines: Heaven Airlines From: Kochi To: New York Number of Passengers:2

Bibliography

This Project wouldn’t have been a success without the help we got from the following resources which were referred during the course of creating this Project.

. Informatics Practices Class XII By Sumita Arora

. http://www.tutorialspoint.com

. http://www.javatpoint.com