package vehler;

*/\*\**

*\**

*\* @author user*

*\*/*import java.sql.Connection; import java.sql.DriverManager; import java.sql.PreparedStatement; import java.sql.ResultSet;

import java.sql.SQLException; import javax.swing.JOptionPane; public class Admin {

*/\*\**

*\* @param args the command line arguments*

*\*/*

DbConnection conn = new DbConnection(); PreparedStatement pst = null;

ResultSet rst = null;

public void changePassword(String username,String newPassword)

{

int flag;

try{ conn.OpenConnection();

String sql = "UPDATE Admint SET AdminP = '"+ newPassword +"' where AdminID = '"+username+ "'";

flag = conn.InsertUpdateDelete(sql); if(flag == 1){

JOptionPane.showMessageDialog(null, "YOUR PASSWORD HAS BEEN

CHANGED ");

}

else{

JOptionPane.showMessageDialog(null, "YOUR PASSWORD COULDn't BE

CHANGED" );

}

}

catch(Exception e){

JOptionPane.showMessageDialog(null, "UpdatePassword Query

Failed");

}

}

public boolean chkAdminPass(String id, String pass){

boolean flag = false;

try{

conn.OpenConnection();

String sql = "Select AdminID,AdminP from AdminT where AdminID = '"

+ id + "' and AdminP = '" + pass + "'";

rst= conn.GetData(sql); if(rst.next()){

flag= true;

}

else

flag= false; conn.CloseConnection();

}

catch(Exception e){

JOptionPane.showMessageDialog(null, e+"\nInavlid Username or

Password");

}

return flag;

}

public ResultSet RideRealTimeCombined()

{

ResultSet rst1=null;

try{

conn.OpenConnection(); String sql = "Select

Datee,Username,VehiclePlate,PUsername,Fromm,Too,StartTime,EndTime,RideStatus,B illStatus,Bill,NoOfPassengers from RideRealtime ";

rst1= conn.GetData(sql); do{

return rst1;

}

while(rst1.next());

}

catch(Exception e){

JOptionPane.showMessageDialog(null, e+"\nRide Realtime Combined

Error");

}

conn.CloseConnection(); return null;

}

}

package vehler;

*/\*\**

*\**

*\* @author user*

*\*/*import java.sql.Connection; import java.sql.DriverManager; import java.sql.PreparedStatement; import java.sql.ResultSet;

import java.sql.SQLException; import javax.swing.JOptionPane; public class Passenger {

*/\*\**

*\* @param args the command line arguments*

*\*/*

DbConnection conn = new DbConnection(); PreparedStatement pst = null;

ResultSet rst = null;

private String name,fName,age,gender,sec,user,pass,cnic,contactNo,dob; Passenger()

{

}

Passenger(String name,String fName,String age, String gender,String sec,String user,String pass,String cnic,String contactNo,String dob)

{

this.name=name; this.fName=fName; this.age=age; this.gender=gender; this.sec=sec; this.user=user; this.pass=pass; this.cnic=cnic; this.contactNo=contactNo; this.dob=dob;

}

public boolean verifySecurityQ(String username,String securityQuestion)

{

boolean flag = false;

try{

conn.OpenConnection();

String sql="Select PID,PSec from PassengerT where PID = '" + username + "' and PSec = '" + securityQuestion + "'";

rst= conn.GetData(sql); if(rst.next())

{

flag=true;

}

else flag=false;

conn.CloseConnection();

}

catch(Exception e){

JOptionPane.showMessageDialog(null, e+"\n Verify SecurityQ Passenger Error");

}

return flag;

}

public void changePassword(String username,String newPassword)

{

int flag;

try{ conn.OpenConnection();

String sql = "UPDATE PassengerT SET PPass = '"+ newPassword +"' where PID = '"+username+ "'";

flag = conn.InsertUpdateDelete(sql); if(flag == 1){

JOptionPane.showMessageDialog(null, "YOUR PASSWORD HAS BEEN

CHANGED ");

}

else{

JOptionPane.showMessageDialog(null, "YOUR PASSWORD COULDn't BE

CHANGED" );

}

}

catch(Exception e){

JOptionPane.showMessageDialog(null, "UpdatePassword Query

Failed");

}

}

public boolean chkPassPass(String id, String pass){ boolean flag = false;

try{

conn.OpenConnection();

String sql = "Select PID,PPass from PassengerT where PID = '" + id

+ "' and PPass = '" + pass + "'";

rst= conn.GetData(sql); if(rst.next()){

flag= true;

}

else

flag= false; conn.CloseConnection();

}

catch(Exception e){

JOptionPane.showMessageDialog(null, e+"\nCheckLogin ChkAdminPass

Error");

}

return flag;

}

public void addPassPass()

{

try

{

DbConnection conn = new DbConnection(); conn.OpenConnection();

String sql="Insert into PassengerT (PID, PPass, PName,PFName,PAge, PGender, PSec,CNIC,ContactNo,DOB) values '"

+ getUser()+ "','"

+ getPass()+ "','"

+ getPname()+ "','"

+ getFname()+ "','"

+ getPAge()+ "','"

+ getPGender()+ "','"

+ getPSec()+ "','"

+ getCnic()+ "','"

+ getContactno()+ "','"

+ getDob()+ "'";

int flag=conn.InsertUpdateDelete(sql);

if(flag==1){

JOptionPane.showMessageDialog(null, "You Are Now Successfully Registered As Passenger");

}

else{

JOptionPane.showMessageDialog(null, "Insertion Failed");

}

conn.CloseConnection();

}

catch(Exception e){ JOptionPane.showMessageDialog(null, e);

}

}

public String getCnic()

{

return cnic;

}

public String getContactno()

{

return contactNo;

}

public String getDob()

{

return dob;

}

public String getUser()

{

return user;

}

public String getPass()

{

return pass;

}

public String getPname()

{

return name;

}

public String getFname()

{

return fName;

}

public String getPAge()

{

return age;

}

public String getPGender()

{

return gender;

}

public String getPSec()

{

return sec;

}

public String getRPassengerName(String username)

{

"'";

String ass=null; try

{

DbConnection conn = new DbConnection(); conn.OpenConnection();

String sql="Select PName from PassengerT where PID = '"+ username + rst= conn.GetData(sql);

while(rst.next()){ ass=rst.getString("PName");

}

conn.CloseConnection();

}

catch(Exception e){

JOptionPane.showMessageDialog(null, e+"\n getRPassengerName Error");

}

return ass;

}

public ResultSet PassengerRide(String pu)

{

ResultSet rst1=null;

try{

conn.OpenConnection(); String sql = "Select

Datee,Username,DriverName,DriverContactNo,VehiclePlate,VehicleName,Fromm,Too,S tartTime,EndTime,RideStatus,BillStatus,Bill from RideRealtime where PUsername

= '"+pu+"'";

rst1= conn.GetData(sql); do{

return rst1;

}

while(rst1.next());

}

catch(Exception e){

JOptionPane.showMessageDialog(null, e+"\nSelect DriverCarRT

Error");

}

conn.CloseConnection();

return null;

}

public ResultSet PassengerBusRide(String pu)

{

ResultSet rst1=null;

try{

conn.OpenConnection(); String sql = "Select

Username,DriverName,VehiclePlate,VehicleName,Fromm,Too from PassengerBusRides where PUsername = '"+pu+"'";

rst1= conn.GetData(sql); do{

return rst1;

}

while(rst1.next());

}

catch(Exception e){

JOptionPane.showMessageDialog(null, e+"\nSelect DriverCarRT

Error");

}

conn.CloseConnection(); return null;

}

}

# DRIVER FUNCTION:-

package vehler;

*/\*\**

*\**

*\* @author user*

*\*/*

public interface Driver {

public abstract boolean ConfirmCurrentRide(String username); public abstract boolean verifySecurityQ(String username,String

securityQuestion);

public abstract void addDriver();

public abstract boolean chkDriverPass(String id, String pass); public abstract String getRDriverName(String username);

public abstract int assignDriver(String pusername,String pname,String currentLocation,String finalLocation);

}