

AUTOMATION OF TRAVEL AGENCY

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Happy Journey

NERA DESH

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Welcome to India PADHARO MERE DESH KERALA

"India is not enough once"

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SIGNUP HERE



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Office Time

Mon - Thu 9:00 am - 4:00 pm
Thu - Mon 10:00 pm - 5:00 pm



!!!JOURNEY DETAIL!!!

From

Howrah

To

Sealdah

Howrah

Kolkata

Sealdah

!!!SELECT THE CAR!!!

Car

celerio

PAYMENT PORTAL

Card Number

Enter your card number

Expiry Date

CVV Number

Enter your CVV Number

Card Holder Name

Enter Card Holder Name

Pay now



Car Rental Service

CANDACE



Admin Profile

Dashboard

Users

Vehicle

Driver

Route

Booking History

User Management



Profile

Vehicle Management



Update Vehicle

Driver Management



Update Driver

Route Management



Update Route

No of rows found =2

First Name	Last Name	Gender	Phone	Address	Email	Password	Delete	Edit
asad	ahmed	male	1234567	asd	a@d.com	12		
Aritra	Datta	Male	9804262549	Hovrah	aritra.datta97@gmail.com	23456		



Vehicle Details

Name

Vehicle name..

Registration Number

Vehicle registration number..

Seat Capacity

Seat Capacity..

Rate per KM

Fare per KM..

Car

Choose File

No file chosen

Driver


Anil Kumar

Submit



No of rows found =1

Name	Registration nummber	Seat capacity	Fare perKM	Driver	Picture	Delete
celerio	1234	4	50	Anil Kumar		

name	<input type="text" value="Enter driver's full name"/>
street	<input type="text" value="Enter driver's street"/>
location	<input type="text" value="Enter driver's location"/>
city	<input type="text" value="Enter driver's city"/>
state	<input type="text" value="Enter driver's state"/>
pincode	<input type="text" value="Enter driver's pincode"/>
phone	<input type="text" value="Enter driver's mobnumber"/>
license number	<input type="text" value="Enter driver's license number"/>
<input type="submit" value="submit"/>	
	

No of rows found =5

Name	Street	Location	City	State	Pincode	Phone	License Number	Delete
Anil Kumar	Kaikhali	Kolkata	Kolkata	V/B	700001	9876543210	RGID123	

```

import javax.servlet.ServletContext;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.ata.bean.CredentialsBean;
import com.ata.dao.CredentialDAOImpl;

@WebServlet("/ChangePasswordServlet")
public class ChangePasswordServlet extends HttpServlet {

    /**
     *
     */
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public ChangePasswordServlet() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @param request Function Parameter
     * @param response Function Parameter
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
response)
     * @throws ServletException Throws any Servlet Exception
     * @throws IOException Throws any IO Exception
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException
    {
        HttpSession session=request.getSession();
        String userId = (String) session.getAttribute("userid");
        String password=request.getParameter("newpass");
        CredentialDAOImpl credentialDAOImpl = new CredentialDAOImpl();
        CredentialsBean credentialsBean = new CredentialsBean();
        ServletContext sc = request.getServletContext();
        credentialsBean.setUserID(userId);

        System.out.println(password.length());
        if(password.length()>=4)
        {
            String status = credentialDAOImpl.changePassword(credentialsBean,
password);

            if("SUCCESS".equals(status))

            {
                session.invalidate();
                RequestDispatcher rd = sc.getRequestDispatcher("/index.jsp");
                rd.forward(request, response);
            }
            else

```

```

        {
            session.setAttribute("UpdateStatus", "Password Could Not be
Changed !!!");
            RequestDispatcher rd = sc.getRequestDispatcher("/index.jsp");
            rd.forward(request, response);
        }

    }
    else
    {
        session.setAttribute("UpdateStatus", "Password Must Be Atleast of 4
Characters !!!");
        session.invalidate();
        RequestDispatcher rd = sc.getRequestDispatcher("/beforelogin.jsp");
        rd.forward(request, response);
    }
}
}

```

```
package com.ata.servlet;
```

```
import java.io.IOException;
```

```
import javax.servlet.RequestDispatcher;
import javax.servlet.ServletContext;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
```

```
import com.ata.bean.DriverBean;
import com.ata.service.AdministratorImpl;
```

```
@WebServlet("/CreateDriverServlet")
public class CreateDriverServlet extends HttpServlet {
```

```

    /**
     *
     */
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public CreateDriverServlet() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @param request Function Parameter
     * @param response Function Parameter
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
response)
     * @throws ServletException Throws any Servlet Exception
     * @throws IOException Throws any IO Exception
     */

```

```

        protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException
        {

            String name=request.getParameter("name");
            String street=request.getParameter("street");
            String location=request.getParameter("location");
            String city=request.getParameter("city");
            String state=request.getParameter("state");
            String pinCode=request.getParameter("pincode");
            String mobileNo=request.getParameter("mno");
            String licenseNo=request.getParameter("lno");

            DriverBean dbean = new DriverBean();

            dbean.setDriverID("temp");
            dbean.setName(name);
            dbean.setStreet(street);
            dbean.setLocation(location);
            dbean.setCity(city);
            dbean.setState(state);
            dbean.setPincode(pinCode);
            dbean.setMobileNo(mobileNo);
            dbean.setLicenseNumber(licenseNo);

            AdministratorImpl adminImplement = new AdministratorImpl();
            String finalStatus =adminImplement.addDriver(dbean);
            HttpSession session = request.getSession();
            ServletContext sc = request.getServletContext();

            if("SUCCESS".equals(finalStatus))
            {
                session.setAttribute("UpdateStatus", "Driver Registered Successfully
!!!");

                RequestDispatcher rd = sc.getRequestDispatcher("/admin.jsp");
                rd.forward(request, response);
            }
            else if ("FAIL".equals(finalStatus))
            {
                session.setAttribute("UpdateStatus", "Driver Could Not be Registered
!!!");

                RequestDispatcher rd = sc.getRequestDispatcher("/admin.jsp");
                rd.forward(request, response);
            }
            else
            {
                session.setAttribute("UpdateStatus", "Some Error Occured, Please Try
again !!!");

                RequestDispatcher rd = sc.getRequestDispatcher("/admin.jsp");
                rd.forward(request, response);
            }
        }

    }

package com.ata.servlet;

import java.io.IOException;

```



```

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletContext;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.ata.bean.RouteBean;
import com.ata.service.AdministratorImpl;

@WebServlet("/CreateRouteServlet")
public class CreateRouteServlet extends HttpServlet {

    /**
     *
     */
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public CreateRouteServlet() {
        super();
        // TODO Auto-generated constructor stub
    }

    /**
     * @param request Function Parameter
     * @param response Function Parameter
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
response)
     * @throws ServletException Throws any Servlet Exception
     * @throws IOException Throws any IO Exception
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException
    {

        String routeSource=request.getParameter("source");
        String routeDestination=request.getParameter("destination");
        String routeDistance=request.getParameter("distance");
        String routeDuration=request.getParameter("duration");

        Double rDistance=Double.parseDouble(routeDistance);
        Double rDuration=Double.parseDouble(routeDuration);

        RouteBean rbean = new RouteBean();

        //generating route id

        rbean.setRouteID("temp");
        rbean.setSource(routeSource);
        rbean.setDestination(routeDestination);
        rbean.setDistance(rDistance);
        rbean.setTravelDuration(rDuration);
    }

```

```

        if(routeSource.equals(routeDestination))
        {
            RequestDispatcher rd =request.getRequestDispatcher("/error.jsp");
            rd.forward(request, response);
            System.out.println("source and destination cannot be same");
        }
        else
        {
            AdministratorImpl adminImplement = new AdministratorImpl();
            String finalStatus =adminImplement.addRoute(rbean);
            if("SUCCESS".equals(finalStatus))
            {

                HttpSession session = request.getSession();
                session.setAttribute("UpdateStatus", "Route Registered Successfully
!!!");

                ServletContext sc = request.getServletContext();
                RequestDispatcher rd = sc.getRequestDispatcher("/admin.jsp");
                rd.forward(request, response);
            }
            else if ("FAIL".equals(finalStatus))
            {
                HttpSession session = request.getSession();
                session.setAttribute("UpdateStatus", "Route Could Not be Registered
!!!");

                ServletContext sc = request.getServletContext();
                RequestDispatcher rd = sc.getRequestDispatcher("/admin.jsp");
                rd.forward(request, response);
            }
            else
            {
                HttpSession session = request.getSession();
                session.setAttribute("UpdateStatus", "Some Error Occured, Please Try
again !!!");

                ServletContext sc = request.getServletContext();
                RequestDispatcher rd = sc.getRequestDispatcher("/admin.jsp");
                rd.forward(request, response);
            }
        }
    }
}

```

```

package com.ata.servlet;

```

```

import java.io.IOException;

```

```

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletContext;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

```

```

import com.ata.bean.RouteBean;
import com.ata.service.AdministratorImpl;
@WebServlet("/RouteUpdateServlet")

```

```

public class RouteUpdateServlet extends HttpServlet {
/**
    *
    */
    private static final long serialVersionUID = 1L;

/**
    * @see HttpServlet#HttpServlet()
    */
    public RouteUpdateServlet() {
        super();
        // TODO Auto-generated constructor stub
    }

/**
    * @param request Function Parameter
    * @param response Function Parameter
    * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
response)
    * @throws ServletException Throws any Servlet Exception
    * @throws IOException Throws any IO Exception
    */
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException
    {
        String rId=request.getParameter("rid");
        String rSource=request.getParameter("source");
        String rDestination=request.getParameter("destination");
        String rDistance=request.getParameter("distance");
        String rDuration=request.getParameter("duration");

        Double routeDistance=Double.parseDouble(rDistance);
        Double routeDuration=Double.parseDouble(rDuration);

        RouteBean routeBean = new RouteBean();

        routeBean.setRouteID(rId);
        routeBean.setSource(rSource);
        routeBean.setDestination(rDestination);
        routeBean.setDistance(routeDistance);
        routeBean.setTravelDuration(routeDuration);

        AdministratorImpl administratorImpl=new AdministratorImpl();
        boolean updateStatus=false;
        updateStatus=administratorImpl.modifyRoute(routeBean);

        HttpSession session=request.getSession();
        ServletContext scontext = request.getServletContext();

        if(updateStatus==true)
        {
            session.setAttribute("UpdateStatus", "Route Updated Successfully
!!!");
            RequestDispatcher rd= scontext.getRequestDispatcher("/admin.jsp");
            rd.forward(request, response);
        }
        else
        {
            session.setAttribute("UpdateStatus", "Route Could Not Be Updated
!!!");

```

```

        RequestDispatcher rd= scontext.getRequestDispatcher("/admin.jsp");
        rd.forward(request, response);
    }
}

package com.ata.util;

import com.ata.bean.CredentialsBean;

public interface Authentication
{
    /**
     * @param credentialsBean Function Parameter
     * @return boolean
     */
    boolean authenticate(CredentialsBean credentialsBean);

    /**
     * @param userID Function Parameter
     * @return String
     */
    String authorize(String userID);

    /**
     * @param credentialsBean Function Parameter
     * @param loginStatus Function Parameter
     * @return boolean
     */
    boolean changeLoginStatus(CredentialsBean credentialsBean, int loginStatus);
}

package com.ata.util;

import java.sql.SQLException;

import com.ata.bean.CredentialsBean;
import com.ata.dao.CredentialDAOImpl;

public class AuthenticationImpl implements Authentication
{
    @Override
    public boolean authenticate(CredentialsBean credentialsBean)
    {
        boolean authenticateStatus=false;
        CredentialDAOImpl credsDao = new CredentialDAOImpl();
        try {
            if(credentialsBean!=null)
            {
                authenticateStatus=credsDao.authenticate(credentialsBean);
            }
            else
            {
                authenticateStatus=false;
            }
        }
    }
}

```



```

        catch (SQLException e)
        {
            authenticateStatus=false;
            e.getMessage();

        } catch (Exception e)
        {
            authenticateStatus=false;
            e.getMessage();

        }
        return authenticateStatus;
    }

```

```

@Override
public String authorize(String userID)
{
    boolean status=false;
    String uType="FAIL";
    CredentialDAOImpl credsDao = new CredentialDAOImpl();
    try {
        if(userID!=null)
        {
            uType=credsDao.authorize(userID);
            status=true;
        }
        if(status==false)
        {
            uType="INVALID";
        }
    }
    catch (SQLException e)
    {
        uType="ERROR";
        e.getMessage();

    }
    catch (Exception e)
    {
        uType="ERROR";
        e.getMessage();

    }
    return uType;
}

```

```

@Override
public boolean changeLoginStatus(CredentialsBean credentialsBean,int
loginStatus)
{
    boolean status=false;
    CredentialDAOImpl credsDao = new CredentialDAOImpl();
    try
    {
        if(credentialsBean!=null)
        {
            status=credsDao.changeLoginStatus(credentialsBean,
loginStatus);
        }
    }
}

```

```

        else
        {
            status=false;
        }
    }
    catch (SQLException e)
    {
        status=false;
        e.getMessage();
    }
    catch (Exception e)
    {
        status=false;
        e.getMessage();
    }
    return status;
}
}
package com.ata.util;

import java.sql.SQLException;

import com.ata.bean.CredentialsBean;
import com.ata.bean.ProfileBean;
import com.ata.dao.CredentialDAOImpl;
import com.ata.dao.ProfileDAOImpl;

public class UserImpl implements User
{
    @Override
    public String login(CredentialsBean credentialsBean)
    {
        String aStatus="FAIL";

        // Login Check
        AuthenticationImpl authenticate = new AuthenticationImpl();
        boolean authenticateStatus = authenticate.authenticate(credentialsBean);

        if(credentialsBean!=null)
        {
            if(authenticateStatus==true)
            {
                aStatus=authenticate.authorize(credentialsBean.getUserID());
                authenticate.changeLoginStatus(credentialsBean, 1);
            }
            else
            {
                aStatus="INVALID";
            }
        }
        else
        {
            aStatus="FAIL";
        }
        return aStatus;
    }
}

```

```
}
```

```
@Override
```

```
public boolean logout(String userId)
```

```
{
```

```
    CredentialsBean cbean= new CredentialsBean();  
    cbean.setUserID(userId);
```

```
    AuthenticationImpl authenticate = new AuthenticationImpl();  
    boolean status =authenticate.changeLoginStatus(cbean, 0);  
    return status;
```

```
}
```

```
@Override
```

```
public String changePassword(CredentialsBean credentialsBean,String  
newPassword)
```

```
{
```

```
    String status="FAIL";
```

```
    CredentialDAOImpl credsDao = new CredentialDAOImpl();
```

```
    try {
```

```
        if(credentialsBean!=null)
```

```
        {
```

```
            status=credsDao.changePassword(credentialsBean, newPassword);
```

```
        }
```

```
    else
```

```
    {
```

```
        status="FAIL";
```

```
    }
```

```
    }
```

```
    catch (Exception e)
```

```
    {
```

```
        status="ERROR";
```

```
        e.getMessage();
```

```
    }
```

```
    return status;
```

```
}
```

```
@Override
```

```
public String register(ProfileBean profileBean)
```

```
{
```

```
    String status="FAIL";
```

```
    ProfileDAOImpl pDao = new ProfileDAOImpl();
```

```
    try {
```

```
        if(profileBean!=null)
```

```
        {
```

```
            status=pDao.register(profileBean);
```

```
        }
```

```
    else
```

```

        {
            status="FAIL";
        }
    }
    catch (SQLException e)
    {
        status="ERROR";
        e.getMessage();
    }
    catch (Exception e)
    {
        status="ERROR";
        e.getMessage();
    }
    return status;
}

}

package com.ata.util;

import java.sql.SQLException;

import com.ata.bean.CredentialsBean;
import com.ata.bean.ProfileBean;
import com.ata.dao.CredentialDAOImpl;
import com.ata.dao.ProfileDAOImpl;

public class UserImpl implements User
{
    @Override
    public String login(CredentialsBean credentialsBean)
    {
        String aStatus="FAIL";

        // Login Check
        AuthenticationImpl authenticate = new AuthenticationImpl();
        boolean authenticateStatus = authenticate.authenticate(credentialsBean);

        if(credentialsBean!=null)
        {
            if(authenticateStatus==true)
            {
                aStatus=authenticate.authorize(credentialsBean.getUserID());
                authenticate.changeLoginStatus(credentialsBean, 1);
            }
            else
            {
                aStatus="INVALID";
            }
        }
        else
        {
            aStatus="FAIL";
        }
    }
}

```



```

        }
        return aStatus;
    }

    @Override
    public boolean logout(String userId)
    {

        CredentialsBean cbean= new CredentialsBean();
        cbean.setUserID(userId);

        AuthenticationImpl authenticate = new AuthenticationImpl();
        boolean status =authenticate.changeLoginStatus(cbean, 0);
        return status;
    }

    @Override

    public String changePassword(CredentialsBean credentialsBean,String
newPassword)
    {

        String status="FAIL";
        CredentialDAOImpl credsDao = new CredentialDAOImpl();

        try {

            if(credentialsBean!=null)
            {
                status=credsDao.changePassword(credentialsBean, newPassword);
            }
            else
            {
                status="FAIL";
            }
        }
        catch (Exception e)
        {
            status="ERROR";
            e.getMessage();
        }

        return status;
    }

    @Override

    public String register(ProfileBean profileBean)
    {
        String status="FAIL";
        ProfileDAOImpl pDao = new ProfileDAOImpl();
        try {

            if(profileBean!=null)
            {
                status=pDao.register(profileBean);
            }
        }
    }

```

```

        }
        else
        {
            status="FAIL";
        }
    }
    catch (SQLException e)
    {
        status="ERROR";
        e.getMessage();
    }
    catch (Exception e)
    {
        status="ERROR";
        e.getMessage();
    }
    return status;
}

```

```

}

```

DATABASE:

```

create table ATA_TBL_USER_credentials
(
userid varchar(6) primary key,
password varchar(20) not null,
usertype varchar(1),
loginstatus int
);

```

```

create table ATA_TBL_USER_PROFILE
(
userid varchar(6) primary key references ata_tbl_user_credentials(userid),
firstname varchar(15) not null,
lastname varchar(15) not null,
dateofbirth date not null,
gender varchar(7) not null,
street varchar(30) not null,
location varchar(15) not null,
city varchar(15) not null,
state varchar(15) not null,
pincode varchar(10) not null,
mobilenumber varchar(10),
emailid varchar(30)
);

```

```

create table ATA_TBL_CREDITCARD
(
creditcardnumber varchar(16) primary key,
validfrom varchar(7) not null,
validto varchar(7) not null,
creditbalance double not null,
userid varchar(6) references ata_tbl_user_credentials(userid)
);

```

```

create table ATA_TBL_vehicle
(
vehicleid varchar(6) primary key,
name varchar(20) not null,
type varchar(8) not null,
registrationnumber varchar(20) not null,
seatingcapacity int not null,
fareperkm double
);

create table ATA_TBL_route
(
routeid varchar(8) primary key ,
source varchar(20) not null,
destination varchar(20) not null,
distance double not null,
travelduration double not null
);

create table ATA_TBL_RESERVATION
(
reservationid varchar(6) primary key ,
userid varchar(6) references ata_tbl_user_credentials(userid),
vehicleid varchar(6) references ATA_TBL_vehicle(vehicleid),
routeid varchar(8) references ATA_TBL_route(routeid),
bookingdate date not null,
journeydate date not null,
driverid varchar(6) references ATA_TBL_driver(driverid),
bookingstatus varchar(20) not null,
totalfare double not null,
boardingpoint varchar(30) not null,
droppoint varchar(30) not null
);

alter table ATA_TBL_USER_credentials add column qus()varchar(20));

insert into ATA_TBL_CREDITCARD
values('abc1234567890def','02/2001','02/2015',1000000,'de1002');
alter table ATA_TBL_USER_credentials add column qus varchar(20);
alter table ATA_TBL_USER_credentials add column ans varchar(20);

insert into ATA_TBL_CREDITCARD
values('abcdef1234567890','02/2000','02/2015',1000000,'as1001');

insert into ATA_TBL_USER_credentials values('abhi', 'abhi', 'A',0);
insert into ATA_TBL_Vehicle values('AB2345','MARUTI','AC','123456',5,25);

insert into ATA_TBL_CREDITCARD values
('1020304050607080','06/2010','05/2015',20000,'Ab1000');
insert into ATA_TBL_CREDITCARD values
('2030405060708090','01/2010','12/2014',20000,'Ab1001');
insert into ATA_TBL_CREDITCARD values
('3040506070809010','03/2009','02/2014',20000,'Ja1002');
insert into ATA_TBL_CREDITCARD values
('4050607080901020','06/2012','05/2016',20000,'Ki1003');

insert into ATA_TBL_ROUTE values('AB786','ASD','',21,2);

```