

Airline Reservation System

OBJECTIVE OF MYPROJECT

The Aim of our project is to design and develop software which would automate the major airline operations like providing the facilities for the reservation of online air tickets or any other operations through an effective for a normal passenger intending to travel through airways.

The Airline Reservation Application has 2 users:

1. Admin.
2. User.

Administrator Module:

It is provided for the sake of administrators to manage the site and update the content at regular intervals, the major operations included in this module are:

- Create and maintain airline schedule and timings of the Flight.
- View the passenger list.
- View the available flights.
- Cancel the tickets. Updating the flight schedule and timings

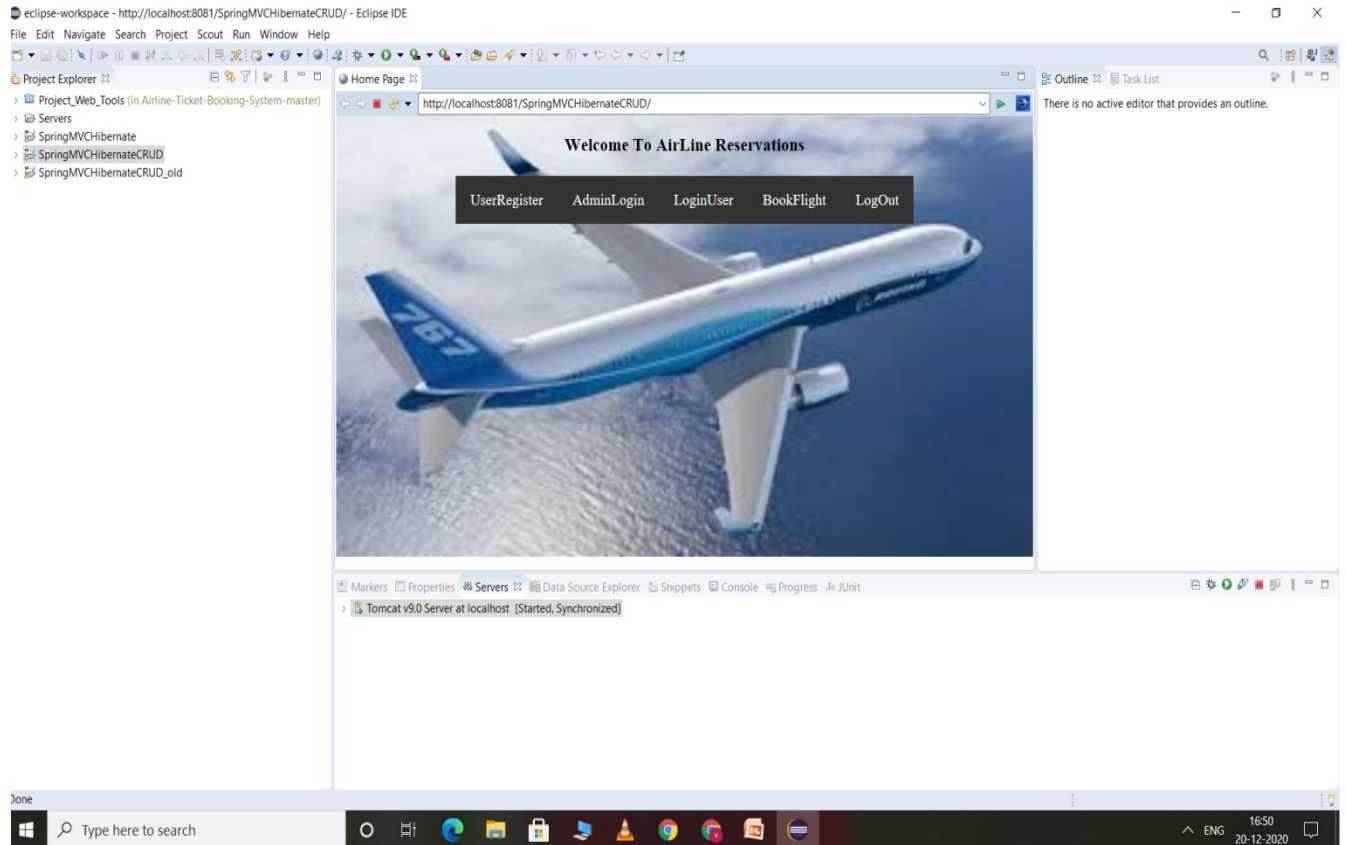
Passenger's Module:

It is meant for passengers, where a user logging into his/her own account will view this panel.

- The major operations included in this module were
View all airline schedules, timings, fare details and seats availability.
- Book for the tickets.
- View and cancelling of the ticket.

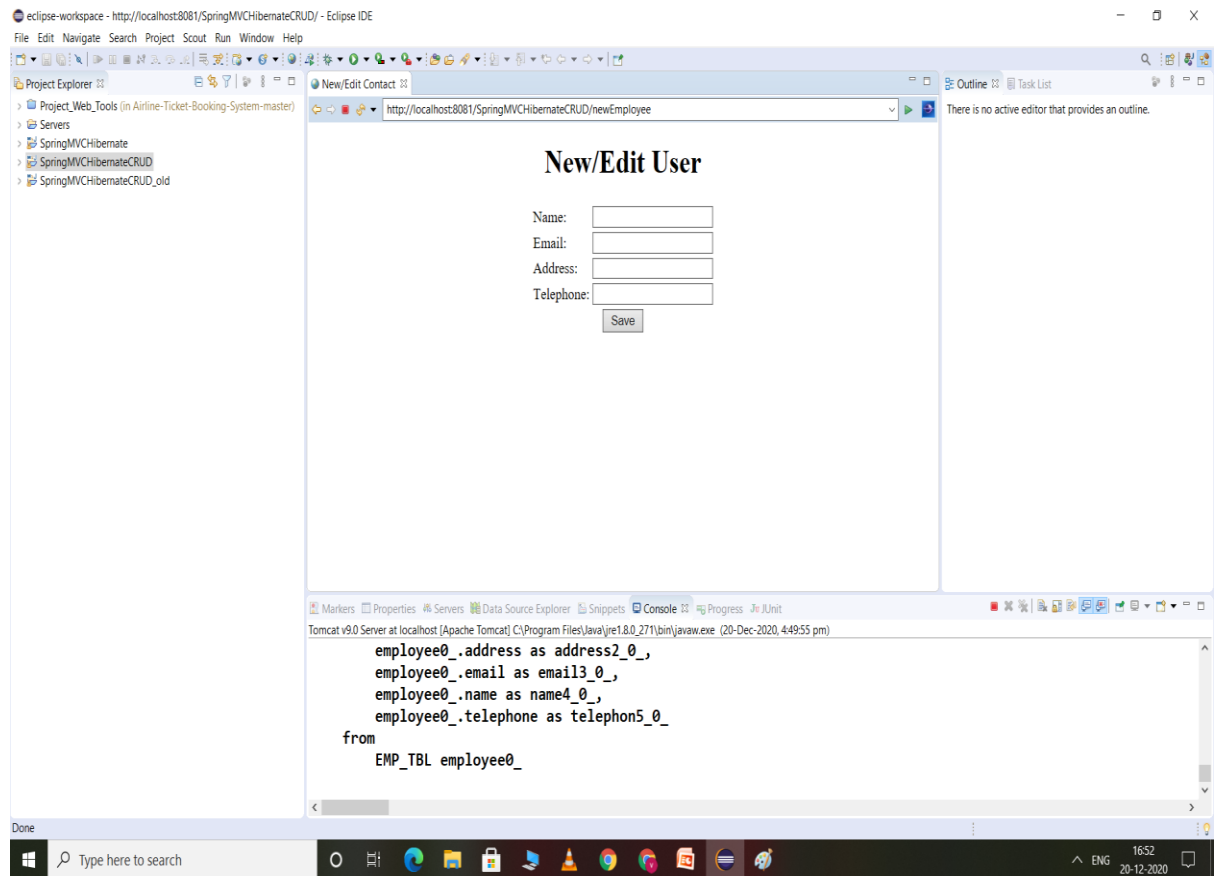
Actions Performed:

1) Login: This is used to login for particular person. If login fails he/she will be redirected to home page.



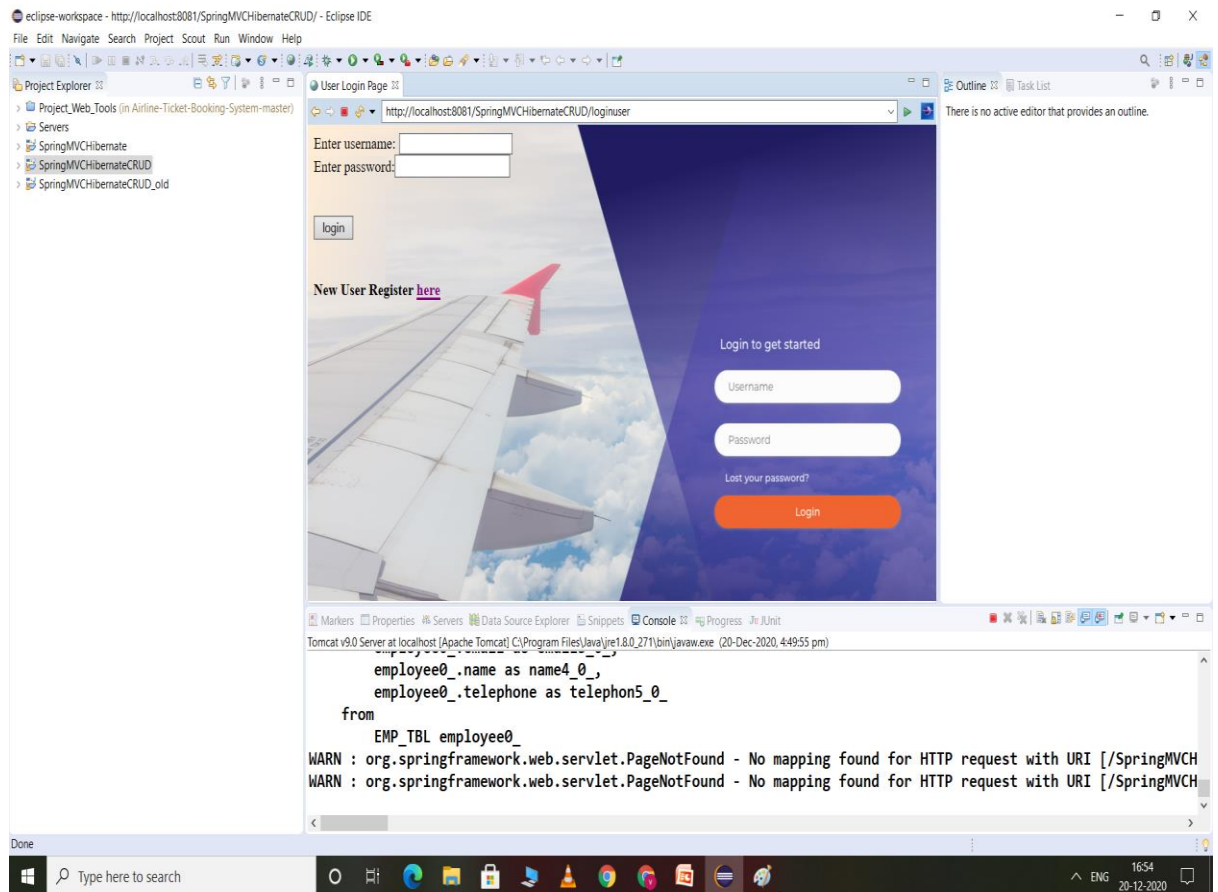
This is the first page after executing the programme.

2. User can register by clicking on the User register button on the home screen.
3. Once Passenger registered with us can book any number of tickets.



Here user can give his/her own details.

4. After clicking the save button .the values stored in the database.



5. After user registering the user .the user can enter his username and password if the username and password didn't match to the database values the user cannot enter to the next page.
6. Admin can do operations like Create new account, new add user, Show all flights list, and Show all users, logout.
- 7.After User logged in his/her account then got the page like this.



8.Admin can log into his/her account by using credentials.

9.After admin login he got one welcome page with some operations.

- Insert flights.
- Display list of flights.

eclipse-workspace - http://localhost:8081/SpringMVCHibernateCRUD/ - Eclipse IDE

File Edit Navigate Search Project Scout Run Window Help

Project Explorer

- Project_Web_Tools (in Airline-Ticket-Booking-System-master)
- Servers
- SpringMVCHibernate
- SpringMVCHibernateCRUD
- SpringMVCHibernateCRUD_old

Admin Login Page

http://localhost:8081/SpringMVCHibernateCRUD/adminlogin

Enter username: admin

Enter password: *****

login

Login

Markers Properties Servers Data Source Explorer Snippets Console Progress JUnit

Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jre1.8.0_271\bin\javaw.exe (20-Dec-2020, 4:49:55 pm)

```
employee0_.telephone as telephon5_0_
from
EMP_TBL employee0_
where
employee0_.name=?
and employee0_.email=?
```

Done

Type here to search

ENG 16:56 20-12-2020

eclipse-workspace - http://localhost:8081/SpringMVCHibernateCRUD/ - Eclipse IDE

File Edit Navigate Search Project Scout Run Window Help

Project Explorer

- Project_Web_Tools (in Airline-Ticket-Booking-System-master)
- Servers
- SpringMVCHibernate
- SpringMVCHibernateCRUD
- SpringMVCHibernateCRUD_old

Admin Success

http://localhost:8081/SpringMVCHibernateCRUD/login

Choose Option

Insert Flight

Display List Of Flights

WELCOME

Markers Properties Servers Data Source Explorer Snippets Console Progress JUnit

Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jre1.8.0_271\bin\javaw.exe (20-Dec-2020, 4:49:55 pm)

```
admin0_.password as password2_1_
from
admin admin0_
where
admin0_.username=?
and admin0_.password=?
```

Done

Type here to search

ENG 16:57 20-12-2020

10. Here admin can enter and edit the flights details.

The screenshot displays the Eclipse IDE interface for a Spring MVC Hibernate CRUD application. The top part shows the 'Add Flight' form with input fields for Flight Id, Source, Destination, Flight Name, Flight Start time, Destination time, Price, and a Save button. The bottom part shows the 'Flights List' table with columns for Flight Id, Source, Destination, Flight Name, Flight Start time, Destination time, Price, and Action. The Action column contains 'Update' and 'Delete' links for each flight entry.

Add Flight Form:

Flight Id:
Source:
Destination:
Flight Name:
Flight Start time:
Destination time:
Price:

Flights List Table:

Flight Id	Source	Destination	Flight Name	Flight Start time	Destination time	Price	Action
105	Ahmadabad	Goa	Air India Express	7:00AM24-12-2020	11:00AM27-12-2020	15000	Update Delete
223	vizag	chennai	goair	2:00PM28-12-2020	6:00AM1-01-2021	6000	Update Delete
333	vizag	delhi	indigo	10:00AM20-12-2020	11:00PM22-12-2020	5000	Update Delete
455	banagalore	chennai	AirIndia	3:00PM26-12-2020	4:00AM27-12-2020	2000	Update Delete
499	Hyderabad	New Delhi	SpiceJet	6:00PM26-12-2020	8:00AM29-12-2020	20000	Update Delete
666	hyderabad	bangalore	airIndia	11:00AM20-12-2020	10:00PM21-12-2020	3000	Update Delete
855	vizag	chennai	goair	10:00PM23-12-2020	2:00AM25-12-2020	3000	Update Delete

[Go Home](#)

Here is the list of flights.

11.Admin can also display users list.

eclipse-workspace - http://localhost:8081/SpringMVCHibernateCRUD/ - Eclipse IDE

File Edit Navigate Search Project Scout Run Window Help

Project Explorer

- Project_Web_Tools (in Airline-Ticket-Booking-System-master)
- Servers
- SpringMVCHibernate
- SpringMVCHibernateCRUD
 - JAX-WS Web Services
 - Java Resources
 - Referenced Libraries
 - Deployment Descriptor: SpringMVCHibernateCRUD
 - Deployed Resources
 - src
 - main
 - java
 - com
 - src
 - controller
 - EmployeeController.java
 - UserController.java
 - dao
 - model
 - service
 - resources
 - webapp
 - test
 - target
 - pom.xml
 - SpringMVCHibernateCRUD_old

User Management Screen

UserController.java

http://localhost:8081/SpringMVCHibernateCRUD/newUser

Users List

Name	Email	Address	Telephone	Action
laxmi	venky@gmail.com	vzm	989765895	Edit Delete
madhavi	madhu@gmail.com	hyderabad	9491326823	Edit Delete
krish	krish@gmail.com	vizag	9603908561	Edit Delete
leka	leka@hcl.com	nidadavole	12345687	Edit Delete

New User Register [here](#)

Markers Properties Servers Data Source Explorer Snippets Console Progress JUnit

Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jre1.8.0_271\bin\javaw.exe (20-Dec-2020, 4:49:55 pm)

```
employee0_.address as address2_0_,
employee0_.email as email3_0_,
employee0_.name as name4_0_,
employee0_.telephone as telephon5_0_
from
EMP_TBL employee0_
```

Type here to search

eclipse-workspace - http://localhost:8081/SpringMVCHibernateCRUD/ - Eclipse IDE

File Edit Navigate Search Project Scout Run Window Help

Project Explorer

- Project_Web_Tools (in Airline-Ticket-Booking-System-master)
- Servers
- SpringMVCHibernate
- SpringMVCHibernateCRUD
- SpringMVCHibernateCRUD_old

book flights here


http://localhost:8081/SpringMVCHibernateCRUD/bookflight

Search for the Availability

To:

From:

Date of Journey:



VectorStock

Markers Properties Servers Data Source Explorer Snippets Console Progress JUnit

Tomcat v9.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jre1.8.0_271\bin\javaw.exe (20-Dec-2020, 4:49:55 pm)

```
admin0_.password as password2_1_
from
admin admin0_
where
admin0_.username=?
and admin0_.password=?
```

Done

Type here to search

User can book flight by clicking on the book flight button.

Passenger's Module:

It is meant for passengers, where a user logging into his/her owns account will view this panel.

- The major operations included in this module were View all airline schedules, timings, fare details and seats availability.
- Book for the tickets.
- View and cancelling of the ticket.

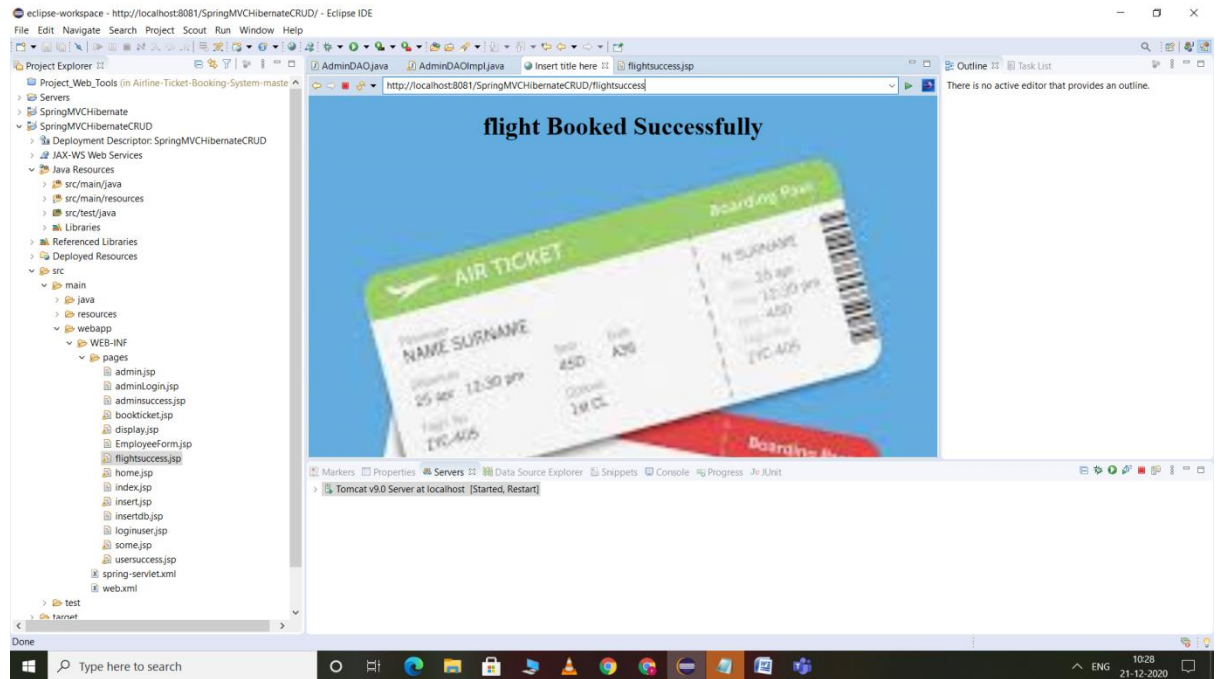
The screenshot shows an Eclipse IDE with a web application running on localhost. The browser displays a 'Flights List' table with the following data:

Flight Id	Source	Destination	Flight Name	Flight Start time	Destination time	Price	Action
105	Ahmadabad	Goa	Air India Express	7:00AM24-12-2020	11:00AM27-12-2020	15000	bookflight
223	vizag	chennai	goair	2:00PM28-12-2020	6:00AM1-01-2021	6000	bookflight
333	vizag	delhi	indigo	10:00AM20-12-2020	11:00PM22-12-2020	5000	bookflight
455	banagalore	chennai	AirIndia	3:00PM26-12-2020	4:00AM27-12-2020	2000	bookflight
499	Hyderabad	New Delhi	SpiceJet	6:00PM26-12-2020	8:00AM29-12-2020	20000	bookflight
666	hyderabad	bangalore	airIndia	11:00AM20-12-2020	10:00PM21-12-2020	3000	bookflight
855	vizag	chennai	goair	10:00PM23-12-2020	2:00AM25-12-2020	3000	bookflight

Below the table is a [Go Home](#) link.

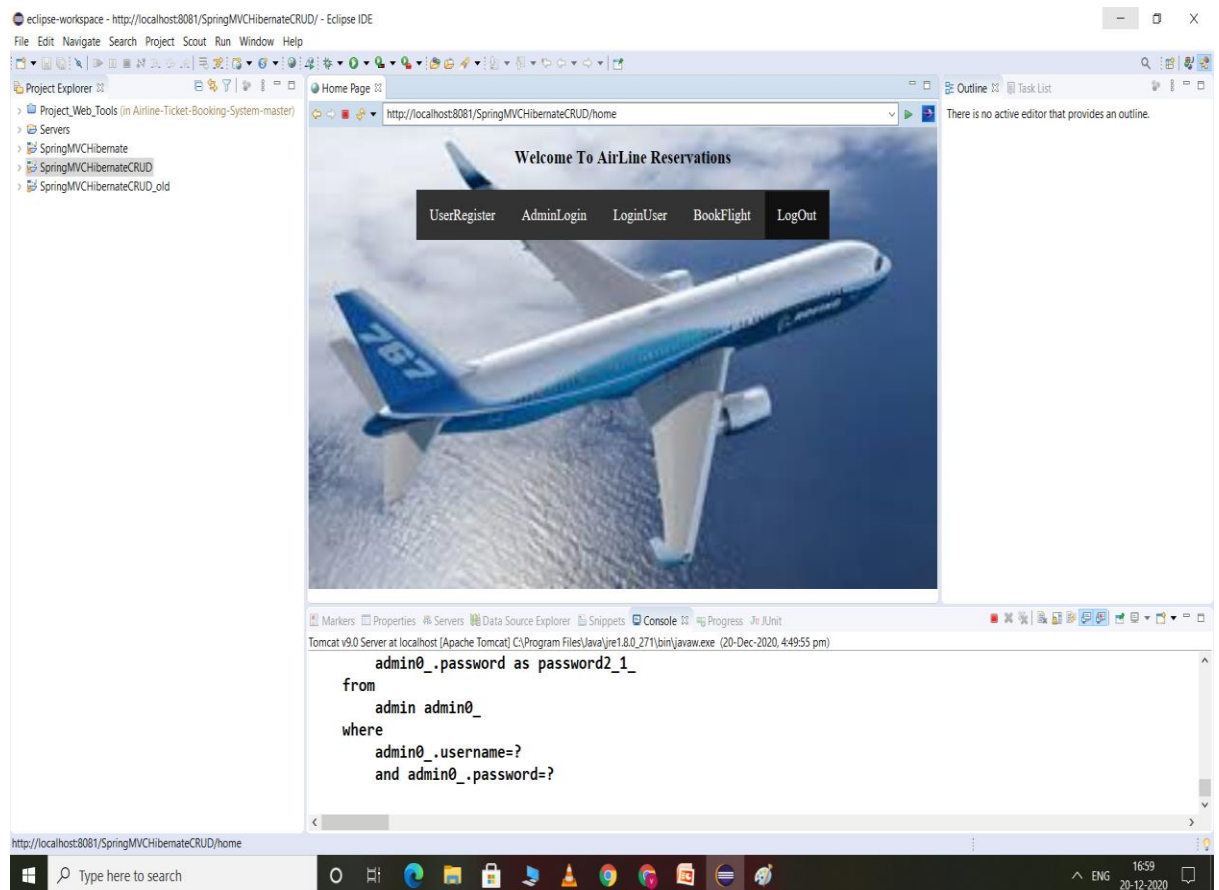
The console window at the bottom shows a SQL query:

```
admin0_.password as password2_1_
from
admin admin0_
where
admin0_.username=?
and admin0_.password=?
```



Technologies Used:

- 1.JAVA CORE
- 2.HTML.
- 3.JAVASCRIPT.
- 4.JSP.
- 5.HIBERNATE.
- 6.MYSQL
- 7.MVC.
- 8.CSS.
- 9.JSTL.



Conclusion:

- online reservation system, which enable customer to check the availability tickets & book their tickets .
- It makes the customer easy to get ticket online instead of queue up to buy the tickets.