

CSP 595
ENTERPRISE WEB APPLICATION
PROJECT
“AIRLINE RESERVATION SYSTEM”

SUBMITTED BY: TEAM 7

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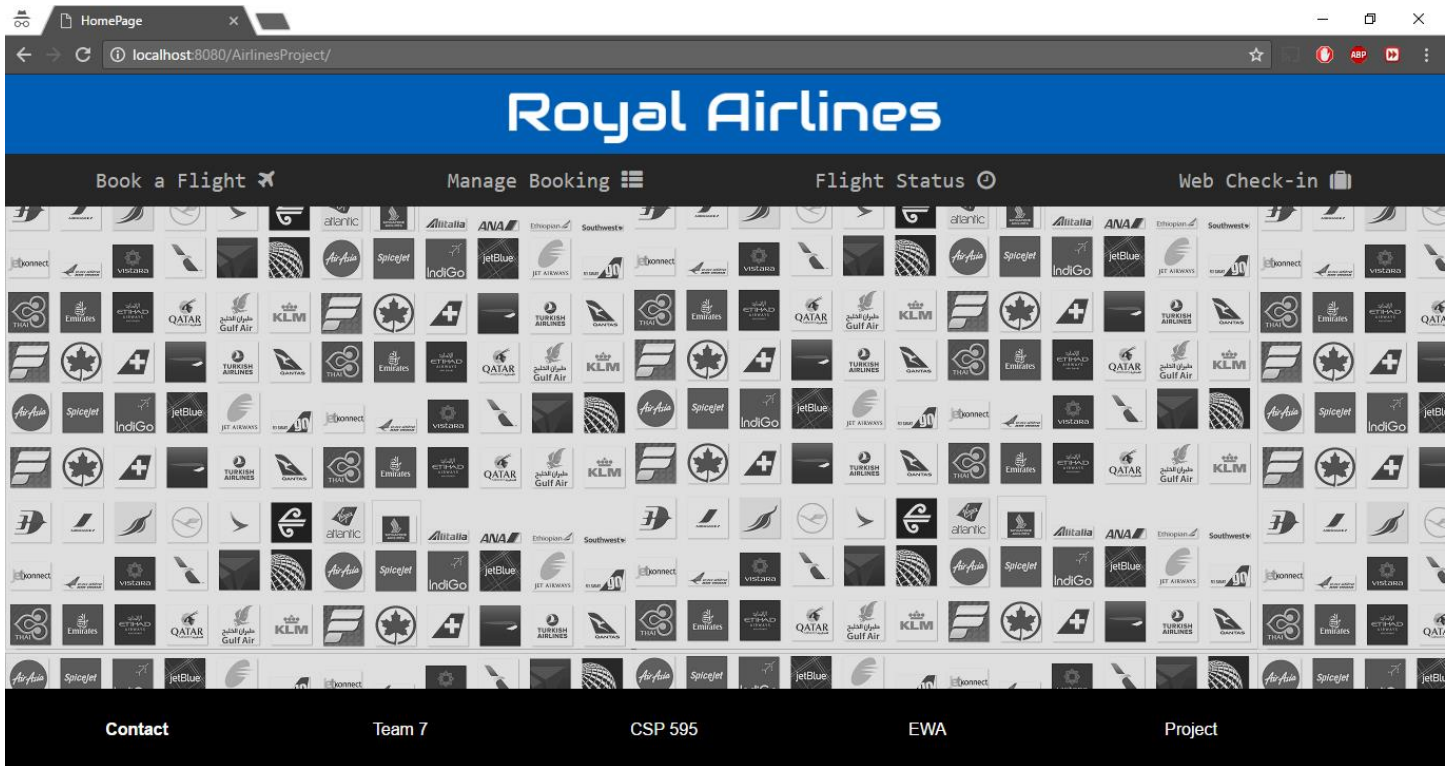
Appaji, Chethan Kumar (A20355296)

Krishnamurthy, Karthik (A20344464)

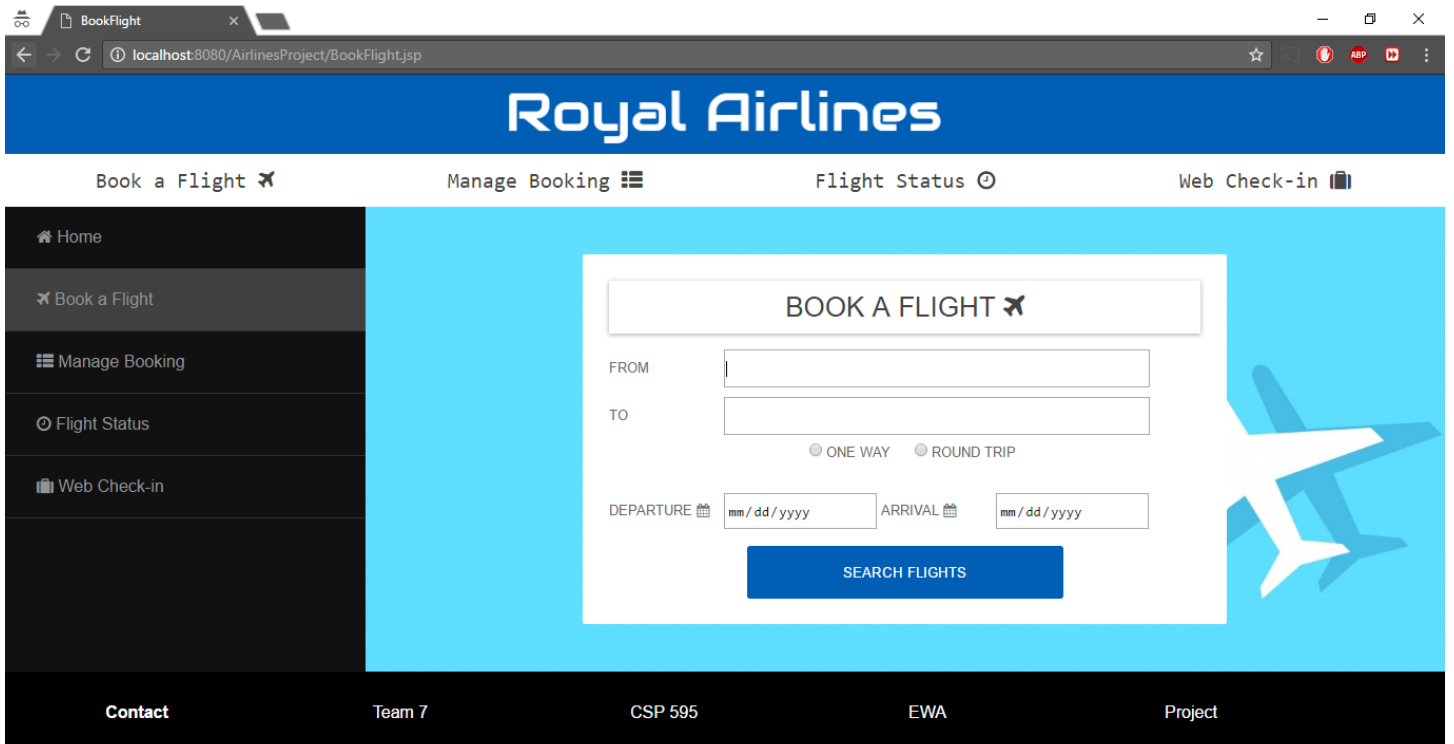
Shankaranand, Shashank (A20349859)

SCREENSHOTS

1. Home Screen



2. Booking Screen



3. Booking Screen (AJAX)

The screenshot shows a web browser window with the URL `localhost:8080/AirlinesProject/BookFlight.jsp`. The page features a blue header with the "Royal Airlines" logo. Below the header is a navigation bar with links: "Book a Flight", "Manage Booking", "Flight Status", and "Web Check-in". A left sidebar contains a menu with "Home", "Book a Flight", "Manage Booking", "Flight Status", and "Web Check-in". The main content area has a light blue background with a white "BOOK A FLIGHT" form. The form includes a "FROM" field with the value "B", a "TO" dropdown menu showing options like "BLOODVEIN (YDV)", "BLANC SABLON (YBX)", "BLACK TICKLE (YBI)", "BLYTHEVILLE (HKA)", "BLUBBER BAY (XBB)", "BLAIRSVILLE (BSI)", "BLUE LAGOON (BXL)", and "BLAINE (BWS)", a "DEPARTURE" date field, and a "SEARCH FLIGHTS" button. The footer contains a black bar with the text "Contact", "Team 7", "CSP 595", and "Project".

BOOK A FLIGHT ✈

FROM B

TO BLOODVEIN (YDV)
BLANC SABLON (YBX)
BLACK TICKLE (YBI)
BLYTHEVILLE (HKA)
BLUBBER BAY (XBB)
BLAIRSVILLE (BSI)
BLUE LAGOON (BXL)
BLAINE (BWS)

DEPARTURE mm/dd/yyyy

SEARCH FLIGHTS

Contact Team 7 CSP 595 Project

4. Booking Screen

The screenshot shows the same web browser window as above. The "BOOK A FLIGHT" form now has "Bengaluru (BLR)" in the "FROM" field and "Delhi (DEL)" in the "TO" field. The "DEPARTURE" field is filled with "12/07/2016". The "ARRIVAL" field is empty, with a placeholder "mm/dd/yyyy". The "SEARCH FLIGHTS" button is still present. The footer remains the same with "Contact", "Team 7", "CSP 595", "EWA", and "Project".

BOOK A FLIGHT ✈

FROM Bengaluru (BLR)

TO Delhi (DEL)

ONE WAY ROUND TRIP

DEPARTURE 12/07/2016 ARRIVAL mm/dd/yyyy

SEARCH FLIGHTS

Contact Team 7 CSP 595 EWA Project

5. Flight Search

FlightSearchResults

localhost:8080/AirlinesProject/FlightSearchServlet?departureAirport=Bengaluru+%28BLR%29&arrivalAirport=del&tripType=oneWay&departureDate=2016-12-07&arrivalDate=2016-12-07

Royal Airlines

Book a Flight ✈

Manage Booking 📋

Flight Status 🕒

Web Check-in 🛫

Home

Book a Flight

Manage Booking

Flight Status




Web Check-in

Search results 62 flights found.

TRIP 📍 BLR To DEL

DEPARTURE 📅 2016-12-07

ARRIVAL 📅 2016-12-07

Airlines	Flight Number	Departure ✈	Arrival	Duration	Price	
	AirAsia India 9W-973	2016-12-07 09:15	2016-12-07 11:55	2h 40 m Non stop	\$ 152	BOOK
	AirAsia India VS-8141	2016-12-07 09:15	2016-12-07 11:55	2h 40 m Non stop	\$ 188	BOOK
	AirAsia India EY-8900	2016-12-07 09:15	2016-12-07 11:55	2h 40 m Non stop	\$ 130	BOOK

6. Flight Details

Flight Review

localhost:8080/AirlinesProject/BookFlight?bookButton=130%2FEY%2F8900%2F2016-12-07

Royal Airlines

Book a Flight ✈

Manage Booking 📋

Flight Status 🕒

Web Check-in 🛫

Home

Book a Flight


Manage Booking

Flight Status

Web Check-in

FLIGHT DETAILS

Airlines	Departure ✈	Arrival
Bengaluru To Delhi	🕒 2h 40 m	Non stop



Etihad Airways

EY-8900

Boeing 737-800 (winglets)

Passenger/BBJ2

2016-12-07 09:15

Bengaluru Kempegowda International Airport

Terminal 3

2016-12-07 11:55

Delhi Indira Gandhi International Airport

Terminal 3

CONTINUE

Fare Summary

Base Fare 1 X Adult(s)	\$130.0 1 X \$130.0
Taxes and Fees	\$20.0
Total	\$150.0

Contact

Team 7

CSP 595

EWA

Project

7. Invalid Route Screen

The screenshot shows a web browser window with the URL `localhost:8080/AirlinesProject/FlightSearchServlet?departureAirport=Bengaluru+%28BLR%29&arrivalAirport=ord&departureDate=2016-12-06&arrivalDate=`. The page features the Royal Airlines logo at the top. Below the logo is a navigation bar with links: "Book a Flight", "Manage Booking", "Flight Status", and "Web Check-in". A left sidebar contains a menu with "Home", "Book a Flight", "Manage Booking", "Flight Status", and "Web Check-in". The main content area displays a search bar with the following details: TRIP: BLR To ORD, DEPARTURE: 2016/12/06, and ARRIVAL. Below the search bar is a table with columns: Airlines, Flight Number, Departure, Arrival, Duration, and Price. The table contains a single row with the text: "Sorry! No Flights found in this route". At the bottom of the page is a footer with links: "Contact", "Team 7", "CSP 595", "EWA", and "Project".

8. Login Screen

The screenshot shows a web browser window with the URL `localhost:8080/AirlinesProject/ProcessFlightReviewServlet`. The page features the Royal Airlines logo at the top. Below the logo is a navigation bar with links: "Book a Flight", "Manage Booking", "Flight Status", and "Web Check-in". A dark blue banner with the text "LOGIN" and a right arrow is positioned below the navigation bar. The main content area has a light blue background with a large white airplane icon on the right. On the left, there is a white login form with the following fields: "Email ID", "Password", and "Customer" (a dropdown menu). Below the form are two buttons: "Login" and "New to Best Deal? Sign up". At the bottom of the page is a footer with links: "Contact", "Team 7", "CSP 595", "EWA", and "Project".

9. Login Screen Validation

localhost:8080/AirlinesProject/LoginServlet

Royal Airlines

Book a Flight ✈️ Manage Booking Flight Status Web Check-in

LOGIN

User account does not exist

Email ID

Password

Customer

Login

New to Best Deal? Sign up

Contact Team 7 CSP 595 EWA Project

10. Sign Up Screen

localhost:8080/AirlinesProject/Signup.jsp

Royal Airlines

Book a Flight ✈️ Manage Booking Flight Status Web Check-in

SIGNUP

Name

Email

Password

Repeat Password

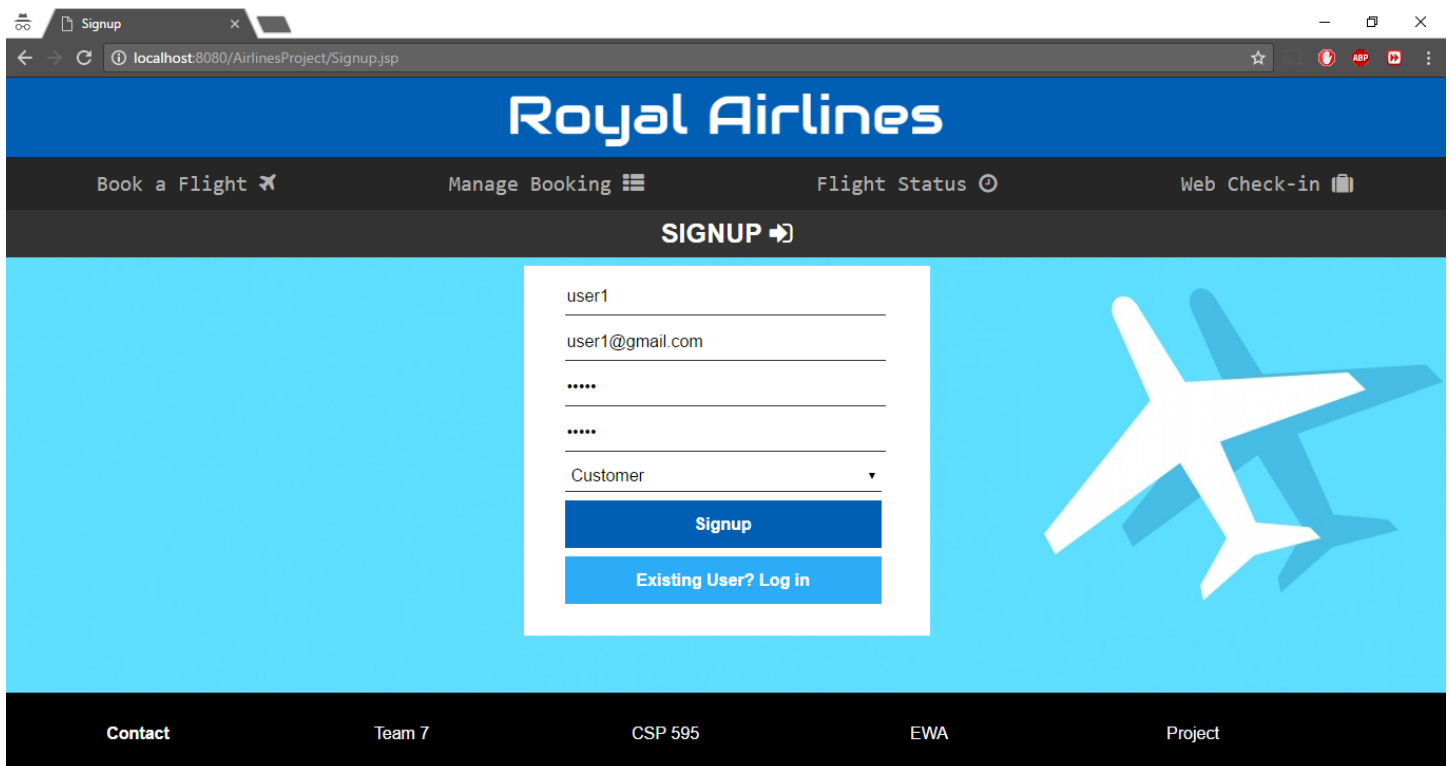
Customer

Signup

Existing User? Log in

Contact Team 7 CSP 595 EWA Project

11. Sign up Screen



The screenshot shows a web browser window with the URL `localhost:8080/AirlinesProject/Signup.jsp`. The page features a blue header with the "Royal Airlines" logo. Below the header is a navigation bar with links: "Book a Flight", "Manage Booking", "Flight Status", and "Web Check-in". A dark grey bar below the navigation bar contains the "SIGNUP" link. The main content area has a light blue background with a white airplane illustration on the right. In the center, there is a white sign-up form with the following fields: "user1" (text), "user1@gmail.com" (text), two password fields (masked with dots), and a "Customer" dropdown menu. Below the form are two buttons: "Signup" (dark blue) and "Existing User? Log in" (light blue). The footer is a dark grey bar with links: "Contact", "Team 7", "CSP 595", "EWA", and "Project".

user1

user1@gmail.com

.....

.....

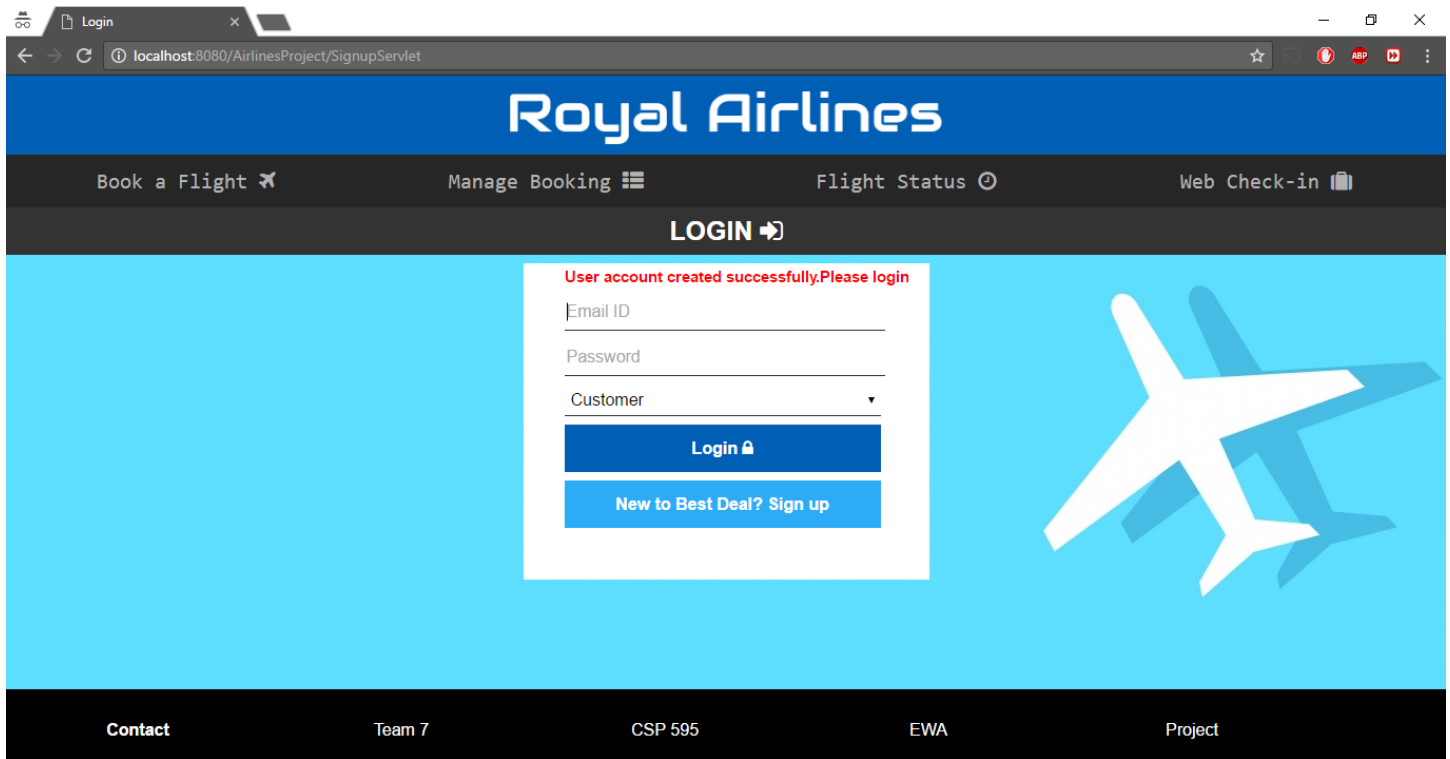
Customer

Signup

Existing User? Log in

Contact Team 7 CSP 595 EWA Project

12. Sign Up Screen Validation



The screenshot shows a web browser window with the URL `localhost:8080/AirlinesProject/SignupServlet`. The page features a blue header with the "Royal Airlines" logo. Below the header is a navigation bar with links: "Book a Flight", "Manage Booking", "Flight Status", and "Web Check-in". A dark grey bar below the navigation bar contains the "LOGIN" link. The main content area has a light blue background with a white airplane illustration on the right. In the center, there is a white login form with the following fields: "Email ID" (text), "Password" (text), and a "Customer" dropdown menu. Below the form are two buttons: "Login" (dark blue) and "New to Best Deal? Sign up" (light blue). A red message "User account created successfully.Please login" is displayed above the form. The footer is a dark grey bar with links: "Contact", "Team 7", "CSP 595", "EWA", and "Project".

User account created successfully.Please login

Email ID

Password

Customer

Login

New to Best Deal? Sign up

Contact Team 7 CSP 595 EWA Project

13. Traveller Details Screen

Passenger Details

localhost:8080/AirlinesProject/LoginServlet

Royal Airlines

Book a Flight ✈️Manage Booking 📅Flight Status ⌚Web Check-in 🛫

Home

Book a Flight

Write Review

View Review

Manage Booking

Flight Status

Web Check-in

Traveller Details 👤

Welcome! user1@gmail.com

Mr

First Name

First name

Date of Birth

DD

MM

YYYY

Passport Number

Passport Number

Phone

Phone Number

Last Name

last name

Meal Preference 🍽️

Select Meal

Issuing Country

Issuing Country

Email

Email

Adult

Date of Expiry

DD

MM

YYYY

MAKE SECURE PAYMENT

Contact

Team 7

CSP 595

EWA

Project

14. Traveller Details Screen

Passenger Details

localhost:8080/AirlinesProject/LoginServlet

Royal Airlines

Book a Flight ✈️Manage Booking 📅Flight Status ⌚Web Check-in 🛫

Home

Book a Flight

Write Review

View Review

Manage Booking

Flight Status

Web Check-in

Traveller Details 👤

Welcome! user1@gmail.com

Mr

First Name

James

Date of Birth

07

09

1991

Passport Number

G134737

Phone

+1 3127303130

Last Name

Anderson

Meal Preference 🍽️

Vegetarian Hindu Meal

Issuing Country

India

Email

james@gmail.com

Adult

Date of Expiry

09

12

2019

MAKE SECURE PAYMENT

Contact

Team 7

CSP 595

EWA

Project

15. Payment Screen

Payment

localhost:8080/AirlinesProject/processUserDetailsServlet

Royal Airlines

Book a Flight ✈️Manage Booking 📅Flight Status ⌚Web Check-in 🛂

HomeBook a FlightWrite ReviewView ReviewManage BookingFlight StatusWeb Check-in

Welcome! user1@gmail.com

Credit card

CARD NUMBER

Expiry Date MONTH YEAR

NAME ON CARD

CWV

PAY

ContactTeam 7CSP 595EWAProject

16. Payment Screen

Payment

localhost:8080/AirlinesProject/processUserDetailsServlet

Royal Airlines

Book a Flight ✈️Manage Booking 📅Flight Status ⌚Web Check-in 🛂

HomeBook a FlightWrite ReviewView ReviewManage BookingFlight StatusWeb Check-in

Welcome! user1@gmail.com

Credit card

4123567812345678

Expiry Date 11-NOV 2019

JAMES

VISA

PAY

ContactTeam 7CSP 595EWAProject

17. Booking Confirmation Screen

Booking Confirmation ✓


Welcome! user1@gmail.com

[Print Itinerary](#)

PNR Number	Booking status	Booking Date	Number of Passengers
8	Booked	02-12-2016	1

Passenger Name	Passenger Type	Class	Seat	Meal Preference
Mr James Anderson	Adult	Economy	23	Vegetarian Hindu Meal

FLIGHT DETAILS ✕

Flight	Departure	Arrival
 Etihad Airways EY-8900 Boeing 737-800 (winglets) Passenger/BBJ2	2016-12-07 09:15 Bengaluru Indira Gandhi International Airport Terminal - 3	2016-12-07 11:55 Delhi Indira Gandhi International Airport Terminal - 3

BILLING DETAILS

Payment method : Credit Card ending XXXX-5678

Total amount paid : \$ 130.0

18. Print Itinerary Screen

Print

Total: 1 page

[Save](#) [Cancel](#)

Destination [Save as PDF](#)
[Change...](#)

Pages ☒ All
☐ e.g. 1-5, 8, 11-13

Layout [Portrait](#)

Paper size [Letter](#)

Margins [Default](#)

Options ☒ Headers and footers
☐ Background graphics

Booking Confirmation ✓


Welcome! user1@gmail.com

[Print Itinerary](#)

PNR Number	Booking status	Booking Date	Number of Passengers
8	Booked	02-12-2016	1

Passenger Name	Passenger Type	Class	Seat	Meal Preference
Mr James Anderson	Adult	Economy	23	Vegetarian Hindu Meal

FLIGHT DETAILS ✕

Flight	Departure	Arrival
 Etihad Airways EY-8900 Boeing 737-800 (winglets) Passenger/BBJ2	2016-12-07 09:15 Bengaluru Indira Gandhi International Airport Terminal - 3	2016-12-07 11:55 Delhi Indira Gandhi International Airport Terminal - 3

BILLING DETAILS

Payment method : Credit Card ending XXXX-5678

Total amount paid : \$ 130.0

19. Write Review Screen

Write Review

localhost:8080/AirlinesProject/WriteReview.jsp

Royal Airlines

Book a Flight ✈️ Manage Booking 📅 Flight Status 🕒 Web Check-in 🛃

Home ✈️ Book a Flight ✈️ Write Review ✍️ View Review 📄 Manage Booking 📅 Flight Status 🕒 Web Check-in 🛃

Welcome! user1@gmail.com

user1@gmail.com

Jet Airways (India)

Review rating

☆☆☆☆☆

Review Date mm/dd/yyyy

Review text...

Submit Review

Contact Team 7 CSP 595 EWA Project

20. Write Reviews Screen

Write Review

localhost:8080/AirlinesProject/WriteReview.jsp

Royal Airlines

Book a Flight ✈️ Manage Booking 📅 Flight Status 🕒 Web Check-in 🛃

Home ✈️ Book a Flight ✈️ Write Review ✍️ View Review 📄 Manage Booking 📅 Flight Status 🕒 Web Check-in 🛃

Welcome! user1@gmail.com

user1@gmail.com

Jet Airways (India)

Review rating

★★★★☆

Review Date 12/02/2016

Comfortable Journey and good service.

Submit Review

Contact Team 7 CSP 595 EWA Project

21. Write Review Screen Validation

Write Review

localhost:8080/AirlinesProject/ProcessWriteReviewServlet

Royal Airlines

Book a Flight ✈️

Manage Booking 📅

Flight Status 🕒

Web Check-in 🛃

Home

Book a Flight

Write Review

View Review

Manage Booking

Flight Status

Web Check-in

Welcome! user1@gmail.com

Review submitted successfully!

user1@gmail.com

Jet Airways (India)

Review rating

★★★★★

Review Date mm/dd/yyyy

Review text...

Submit Review

Contact Team 7 CSP 595 EWA Project

22. View Reviews Screen

View Review

localhost:8080/AirlinesProject/ViewReview.jsp

Royal Airlines

Book a Flight ✈️

Manage Booking 📅

Flight Status 🕒

Web Check-in 🛃

Home

Book a Flight

Write Review

View Review

Manage Booking

Flight Status

Web Check-in

REVIEWS

Jet Airways

sujan Fri Dec 02 20:44:31 CST 2016

★★★★4

review 1..

AirAsia India

sujan Fri Dec 02 21:02:59 CST 2016

★★★★★5

review 555555

Jet Airways (India)

user1@gmail.com Fri Dec 02 22:54:16 CST 2016

★★★★4

Comfortable Journey and good service.

Contact Team 7 CSP 595 EWA Project

23. Baggage Info Screen

Baggage

localhost:8080/AirlinesProject/Baggage.jsp

Royal Airlines

Book a Flight ✈️

Manage Booking 📅

Flight Status ⌚

Web Check-in 🛂

Home

Book a Flight

Manage Booking

Flight Status

Web Check-in

Baggage 🛂

Checked baggage allowances			
	Economy Class	First Class	Business Class
Number of pieces	2	2	3
Weight of each bag	23Kg	23Kg	23Kg
Maximum dimension	Length + Width+ Height = 158cm (62in)		

Hand baggage allowances			
	Economy Class	First Class	Business Class
Number of pieces	1	2	2
Weight of each bag	15Kg	15Kg	15Kg
Maximum dimension	Length x Width x Height = 50x37x25cm (20x15x10in)		