

NANYANG TECHNOLOGICAL UNIVERSITY

**Individual Project-2
Airline Booking System**

User Guide

COURSE TITLE	: CI6225 – ENTERPRISE APPLICATION DEVELOPMENT
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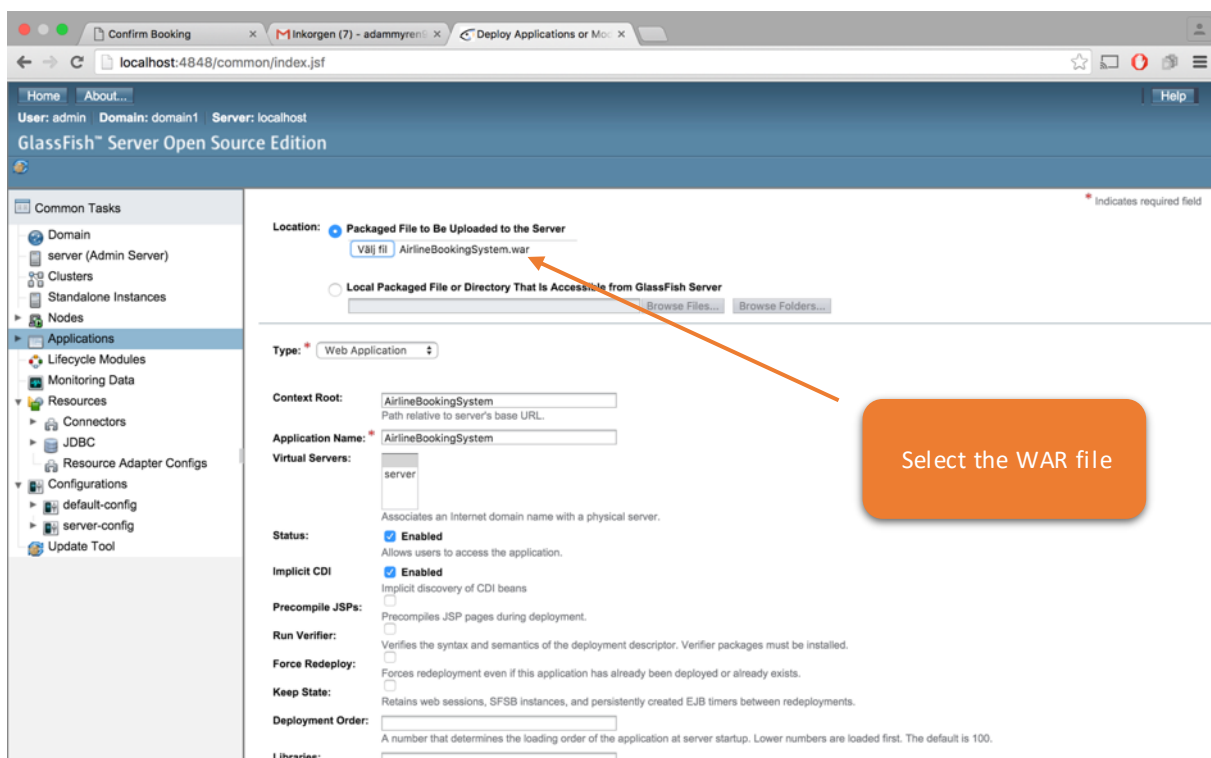
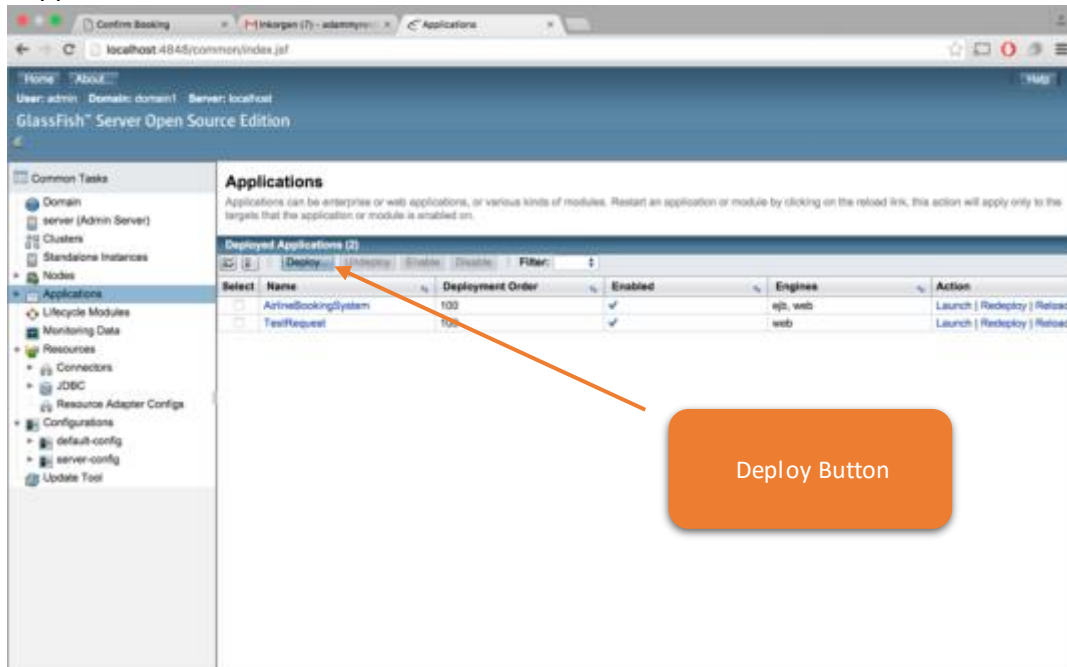
1 Setting up the environment

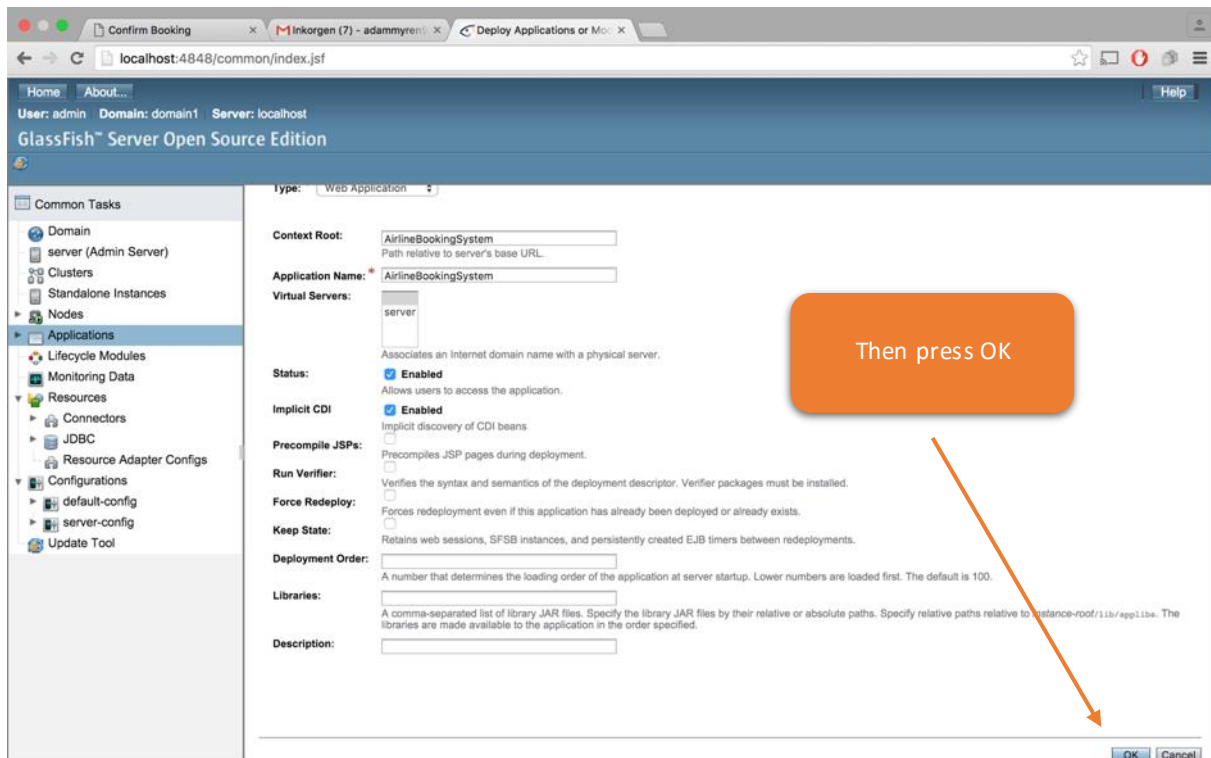
1.1 Setting up the database

The file called database.sql should be imported into a database, the exact carry out of this may depend upon which database client that the user uses to manage mysql databases. The program uses the username "AirlineConnect" and password: "hej123" as well as the path "jdbc:mysql://localhost/AirlineBookingSystem".

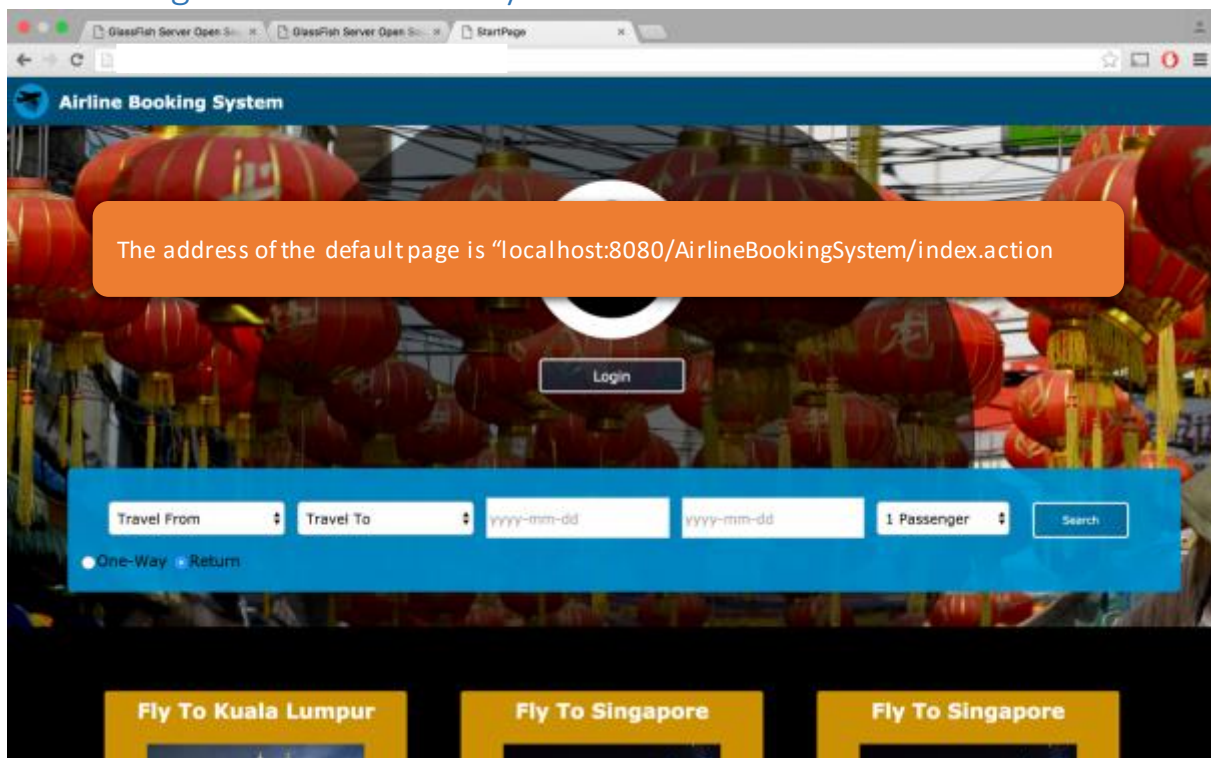
1.2 Deploying the WAR-file

Go to the admin console of your glassfish server and press the “Deploy”-button under “Applications”



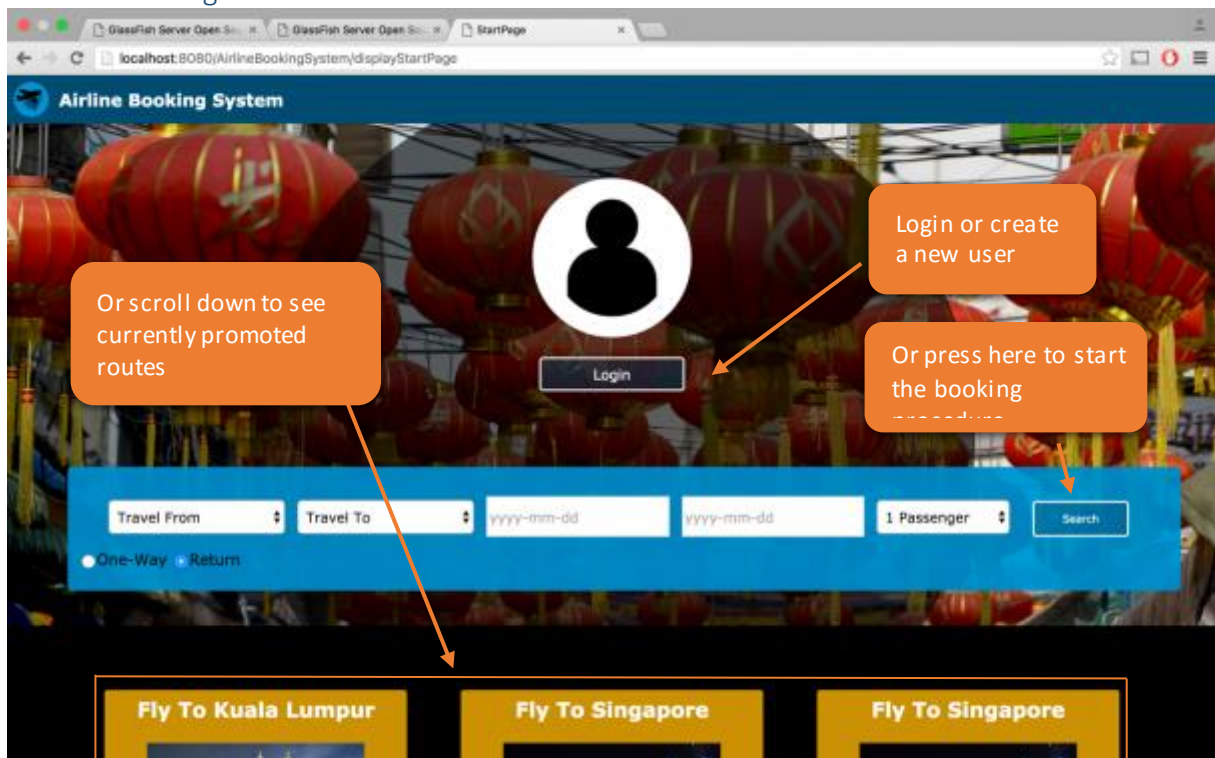


2 Getting started with the system

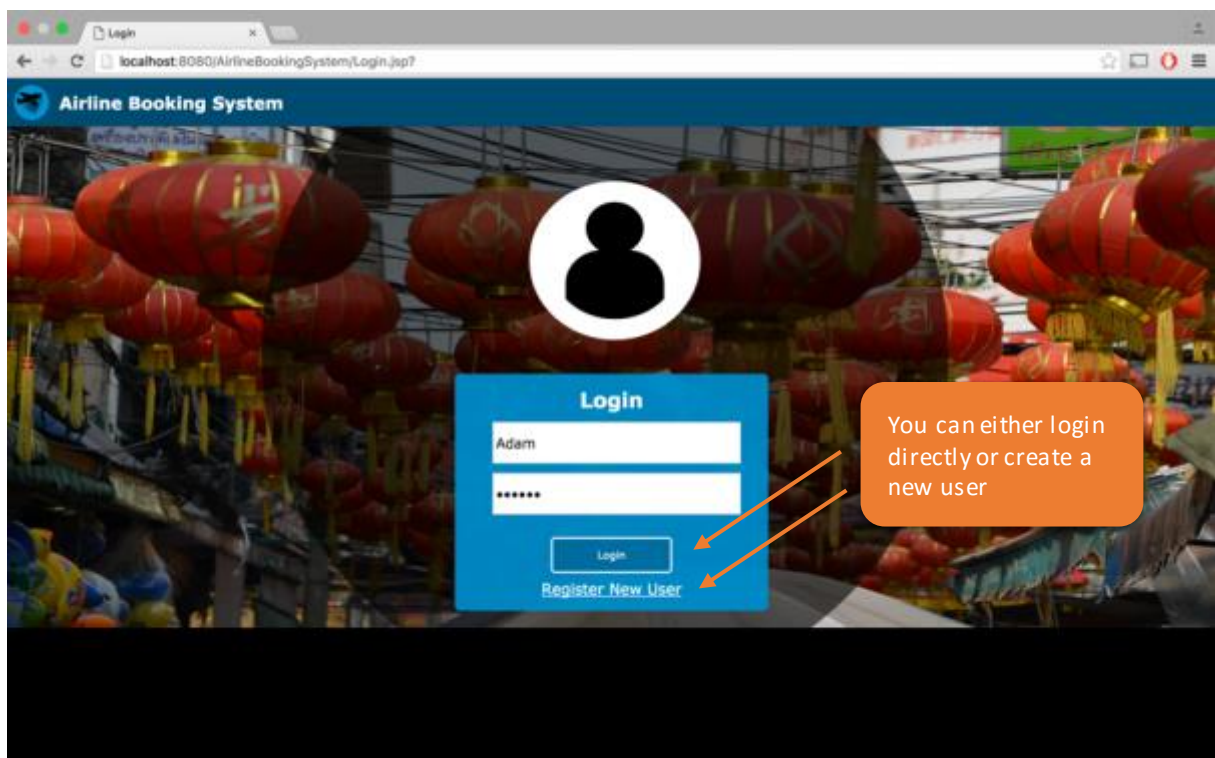


2.1 Start Page and Login

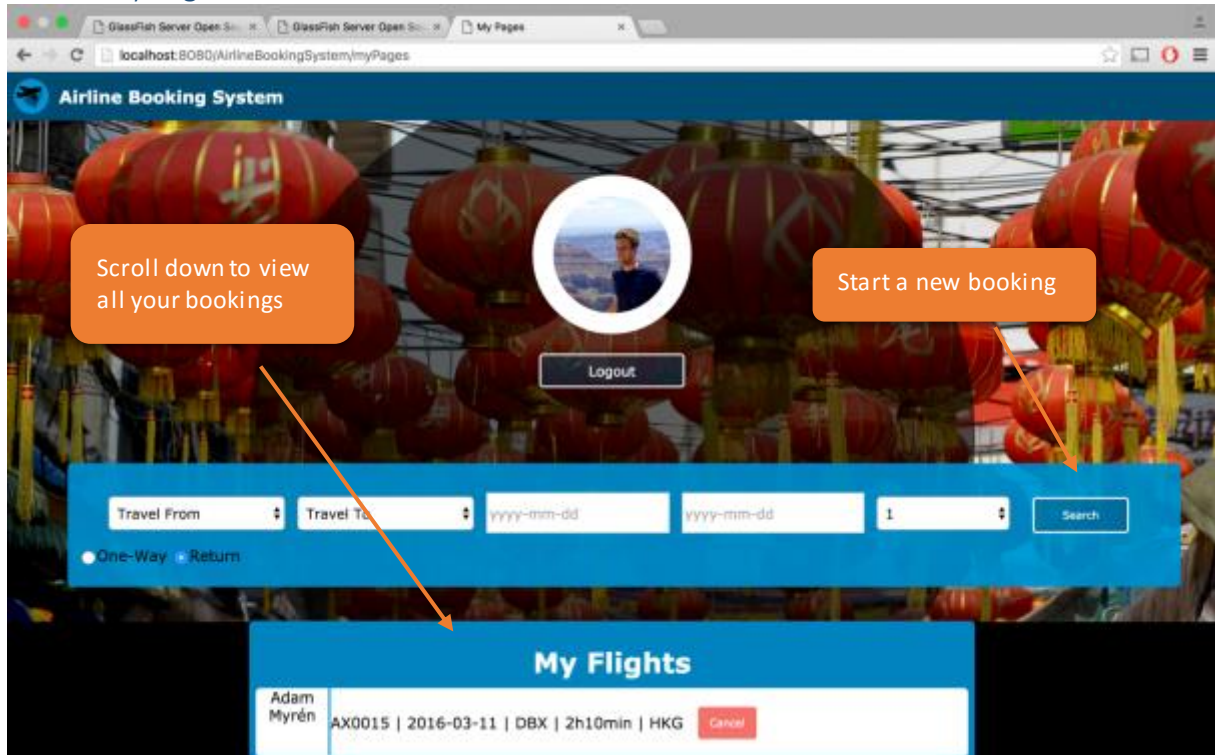
2.1.1 Start Page



2.1.2 Login

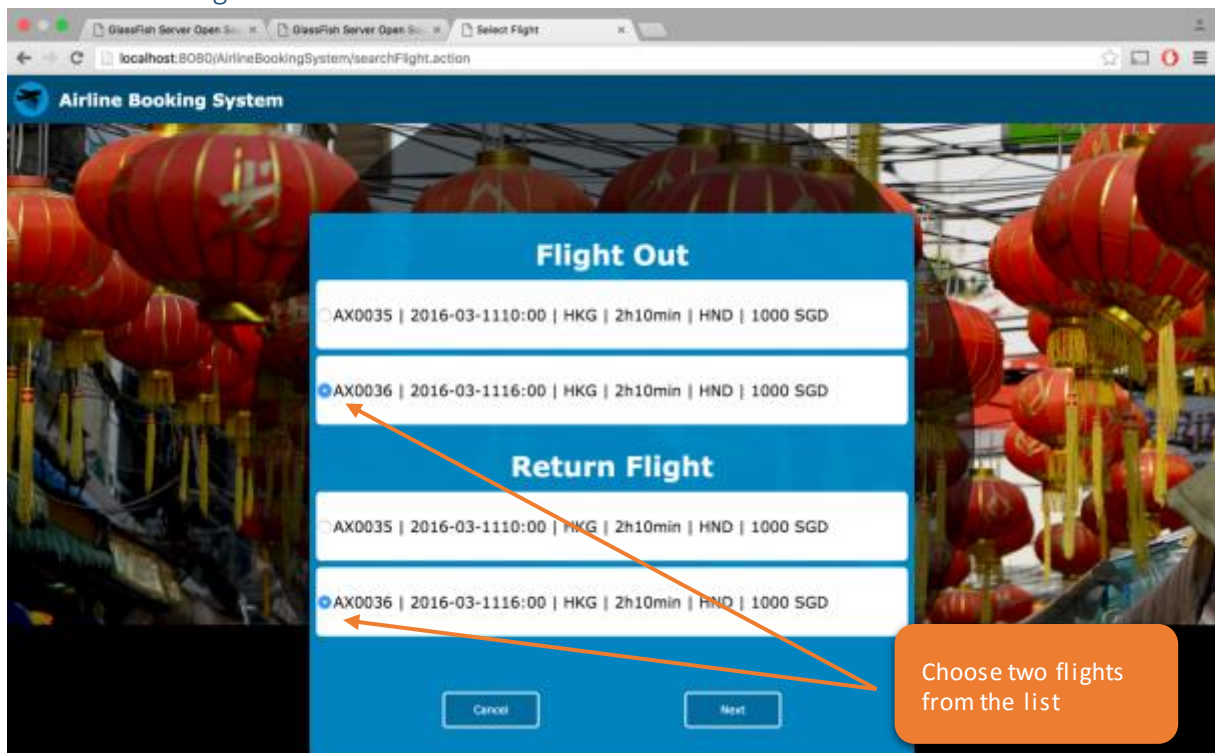


2.1.3 My Pages



2.2 Booking

2.2.1 Select flights



2.2.2 Enter passenger information

Airline Booking System

Please Enter Passenger Information

Passenger 1

Adam	Myrén
1992-06-04	2342342
2018-03-02	2013-03-02

Enter all passenger information before proceeding

2.2.3 Confirm booking

Airline Booking System

Booking Information

Passenger 1	AX0055 2016-03-11 10:00 KUL 2h10min HND 1000 SGD
Passenger 2	AX0055 2016-03-11 10:00 KUL 2h10min HND 1000 SGD
Passenger 3	AX0055 2016-03-11 10:00 KUL 2h10min HND 1000 SGD

Total Price: 3000 SGD

Payment Details

XXXX-XXXX-XXXX-XXXX

CVC YY-MM

Mastercard Visa

Review booking details

Confirm booking

2.3 Admin Functionality

2.3.1 Create Report

The screenshot shows the 'Admin Page' of the 'Airline Booking System' at the URL `localhost:8080/AirlineBookingSystem/admin/displayAdmin`. The page features a background image of red lanterns and a 'Logout' button in the top right. The 'Create Report' form is the primary focus, containing the following fields and buttons:

- Flight ID:** A text input field with the value 'AX0029'.
- Date:** A text input field with the value '2016-03-11'.
- Get Passengers:** A button that is highlighted by an orange arrow pointing from a callout box.
- Get All users:** A button.
- Get Report:** A disabled button.

Other visible forms on the page include:

- Add Flight:** Fields for Flight ID, Date of Flight, Departure Time, Duration of Flight, Origin Airport, Destination Airport, Ticket Price, and Capacity, with an 'Add Flight' button.
- Create New Admin:** Fields for Username, Password, Repeat Password, and Email, with a 'Register' button.
- Create Route Promotion:** Fields for Origin Airport (XXX) and Destination Airport (XXX), with an 'Add Promotion' button.

Callout Box: An orange box with the text 'Fill the correct information and press the button' points to the 'Get Passengers' button.

The screenshot shows the 'Report' page of the 'Airline Booking System' at the URL `localhost:8080/AirlineBookingSystem/admin/getReport.action`. The page displays a report titled 'Passengers on Flight AX0029 on 2016-03-11'. The report is presented as a table with five rows, each containing a passenger's Firstname, Lastname, and Passport Number.

Firstname	Lastname	Passport Number
		123123
		123234
		234234
		423423
		4322234

Below the table, there are two buttons: 'Back' and 'Download as XML'. An orange arrow points from a callout box to the 'Download as XML' button.

Callout Boxes:

- An orange box on the left says 'Press here to download the result in XML format' and points to the 'Download as XML' button.
- An orange box on the right says 'All passengers on the specified flight are displayed here' and points to the table of passengers.

2.3.2 Add Flight

The screenshot shows the 'Airline Booking System' Admin Page. The background features a pattern of red lanterns. The page includes a 'Logout' button in the top right corner. The main content area contains three forms: 'Add Flight', 'Create New Admin', and 'Create Route Promotion'. The 'Add Flight' form is highlighted with an orange border and an orange callout box that says 'Fill out information and press button to add new flight'. The 'Add Flight' form has the following fields: Flight ID, Date of Flight, Departure Time, Duration of Flight, Origin Airport, Destination Airport, Ticket Price, and Capacity. The 'Create New Admin' form has fields for Username, Password, Repeat Password, and Email, with a 'Register' button. The 'Create Route Promotion' form has fields for Origin Airport (XXX) and Destination Airport (XXX), with an 'Add Promotion' button.

Fill out information and press button to add new flight

Add Flight

Flight ID: Date of Flight:

Departure Time: Duration of Flight:

Origin Airport: Destination Airport:

Ticket Price: Capacity:

Add Flight

Create New Admin

Username: Password:

Repeat Password: Email:

Register

Create Route Promotion

Origin Airport (XXX): Destination Airport (XXX):

Add Promotion

2.3.3 Create New Admin

The screenshot shows the 'Airline Booking System' Admin Page. The background features a pattern of red lanterns. The page includes a 'Logout' button in the top right corner. The main content area contains three forms: 'Create Report', 'Create New Admin', and 'Create Route Promotion'. The 'Create New Admin' form is highlighted with an orange border and an orange callout box that says 'Fill out information and press button to add a new admin user'. The 'Create Report' form has fields for Flight ID, Admin ID, and buttons for 'Get Passengers' and 'Get All users'. The 'Create New Admin' form has fields for Username, Password, Repeat Password, and Email, with a 'Register' button. The 'Create Route Promotion' form has fields for Origin Airport (XXX) and Destination Airport (XXX), with an 'Add Promotion' button.

Fill out information and press button to add a new admin user

Create Report

Flight ID: Admin ID:

Get Passengers

Get All users

Create New Admin

Username: Password:

Repeat Password: Email:

Register

Create Route Promotion

Origin Airport (XXX): Destination Airport (XXX):

Add Promotion

2.3.4 Add Promotion

The screenshot displays the 'Airline Booking System' Admin Page. The page features a sidebar with navigation links: 'StartPage', 'Flighterror', 'StartPage', 'GlassFish Server', and 'Admin Page'. The main content area contains four forms: 'Create Report', 'Add Flight', 'Create New Admin', and 'Create Route Promotion'. The 'Create Route Promotion' form is highlighted with an orange border, and an orange callout box points to its 'Origin Airport (XXX)' and 'Destination Airport (XXX)' fields with the text: 'Fill out airport codes for origin and destination airport on the route'.

Create Report

Flight ID:

Create New Admin

Username: Password:

Repeat Password: email:

Add Flight

Flight ID: Date of Flight:

Departure Time: Duration of Flight:

Origin Airport: Destination Airport:

Ticket Price: Capacity:

Create Route Promotion

Origin Airport (XXX): Destination Airport (XXX):