

## ASSIGNMENT #4: AIRLINE WEB CLIENT

For your final assignment, you will make a web-based client for the airline reservation system. As this is a multi-page project, a good way to get the idea is to look at how a user (an airline customer) flows through the application. As you will see, we are not emphasizing HTML design. A bare-bones look is fine for this assignment.

### Default Page

The starting point is something like this:

The screenshot shows a web browser window titled "AirlineClient - Windows Internet Explorer" with the address bar showing "http://localhost:2021/Default.aspx". The page content includes:

- Header:** "Welcome to *Hit or Miss Airlines!*"
- Section:** "Please search for a flight"
- Text:** "To search for an airport code, enter part of the city name here"
- Form:** Input fields for "Origin" and "Destination", and a "Search" button. The "Origin" field contains "auck".
- Date Picker:** A calendar for "August 2007" with a "Date" label.
- Search Results Table:**

| Origin | Destination | Code | Name                                                 |
|--------|-------------|------|------------------------------------------------------|
|        |             | AKL  | Auckland, New Zealand Auckland International Airport |

At the bottom of the page is a "Search for Flights" button.

The user may search using any combination of Origin, Destination, and date.

## Choosing a flight

The relevant flights are then displayed:

| Flight Number | Origin | Destination | Departure Time       | Arrival Time         | Manufacturer | Model |                          |
|---------------|--------|-------------|----------------------|----------------------|--------------|-------|--------------------------|
| 8             | AKL    | SFO         | 5/28/2007 4:00:40 PM | 5/28/2007 5:20:40 PM | Cessna       | X10   | <a href="#">Book It!</a> |
| 233           | AKL    | DUD         | 5/30/2007 4:00:00 PM | 5/30/2007 5:31:00 PM | Cessna       | 172   | <a href="#">Book It!</a> |
| 306           | AKL    | CHC         | 8/20/2007 4:00:21 PM | 9/27/2007 5:41:21 PM | Cessna       | 172   | <a href="#">Book It!</a> |

## Logging in

To go farther requires a login:

**Please log in or create a new account**

Log In

User Name:

Password:

Sign Up for Your New Account

User Name:

Password:

Confirm Password:

E-mail:

Security Question:

Security Answer:

You might want to put the two parts on separate pages.

**Creating and choosing passengers**

### Choose Passenger(s)

|                          | First Name | Last Name |
|--------------------------|------------|-----------|
| <input type="checkbox"/> | Robert     | Kubica    |
| <input type="checkbox"/> | Nick       | Heidfeld  |

Create a new passenger:

First Name  Last Name

**Selecting a seat**

### Choose a seat for Robert Kubica

Plane details:

| Make   | Model | Rows | Cols |
|--------|-------|------|------|
| Cessna | X10   | 5    | 2    |

Choose a seat (disabled checkbox indicate already reserved seats):

|                          |                                     |                          |                          |                          |
|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

(Sorry for the typo on that.)

**Finished**

## Your reservation is complete!

[Home](#) [Logout](#)

That will give you an idea of what you'll be doing. Some parts have turned out to be much harder than anticipated. Significant hints are on the way!