

In this assignment you will create an AirBNB booking webpage that ties into a MySQL database. A user will search for specific criteria, and it will display the results that match, allowing a user to book it. **Read entire assignment before starting!**

Setup

1. Download the “bookings_table.sql” file from Blackboard and run it against your comp2002 database (this will create a new “bookings” table).
2. Create 2 sub folders under the root of your application
 - a. templates
 - b. db_functions
3. Under db_functions create a file called “airbnb.php” and create a class in it (can have any name you want).
 - a. Once that class has been created, copy the 2 functions from the “given db functions.txt” file on Blackboard into the class

Main page

1. Your main page must be called “assignment2.php”
 - a. This file will be responsible for displaying the search form
2. You must allow the user to enter
 - a. A state
 - b. The date of the stay
 - c. The duration of the stay (number of days)
 - d. The number of rooms
 - e. The maximum number of guests allowed
 - f. A submit button

Listings page

1. Must have
 - a. A link to go back to the search page
 - b. A filter that allows the user to filter on the cities under the state they selected on the previous page (Must also allow to clear the filter)
 - c. The listing itself which must list
 - i. The name of the AirBNB
 - ii. The city and state
 - iii. The price per night
 - iv. The description
 - v. The amenities
 - vi. A button to book the location

The Confirmation page

1. This page must request the user to enter their
 - a. First name
 - b. Last name
 - c. Email address
2. It must display
 - a. The name of the AirBNB they are booking
 - b. The starting date they entered, in the format of Dec, 13, 2023
 - c. The number of days they are staying
 - d. The cost per night, as well as the total cost for all nights
 - e. A confirm button to submit the booking

The Booking page

1. Must insert the information into the new bookings table
2. Must display a confirmation message to the user saying the booking was successful

Validation

1. All pages must validate the data has been entered. If it hasn't, then display an appropriate message to the user
2. If there are no results for the user, let them know that, do not just display a blank page

Styling

You must style the page so it is structured in a way that makes sense. An example is in the gif for the assignment. All styles must be in the <head> tags.

Special Note**

Some of the descriptions are truncated, so if you see one that stops in the middle of a sentence, you can ignore it.

Remember, this is not a JavaScript course! There is no JavaScript in this assignment.

What to submit

1. All files for your assignment.