

# HOTEL SEARCH

## Spring Data, MySQL

### Task:

Create a hotel search web app using Spring Boot and MySQL. **Be sure to use the exact names specified below.**

### Build Specifications:

- Create a table called `hotel`. Give it the following fields: `id` (Long, the ID), `hotel_name` (String), `city` (String), `price_per_night` (Integer).
- Create a Java entity for this table. Name it `Hotel`. It should have these properties: Long `id`, String `name`, String `city`, Integer `pricePerNight`.
- Add several documents to your collection with multiple hotels from at least 3 cities.
- Build the following pages:
  - A home page that lets the user select from a drop down of the city they would like to stay in and then click a submit button. (Just hard-code the city options.)
  - When the user submits the city, display a results page that lists all the hotels in that city, including their name and price per night. Order the hotels by price. This page also includes a link back to do a new search.

### Extended Challenges:

- On the home page form, include a max price and incorporate it in the search results.
- Draw the city drop down options from the table.
- Add a form page to add hotels to the table.

### Example Pages (CSS & Bootstrap are optional):

#### Home Page

### Hotel Search

City

Detroit

Go!

#### Result Page

### Hotels in Detroit

Aloft Detroit at the David Whitney  
Price per night: \$170

The Inn on Ferry Street  
Price per night: \$209

The Westin Book Cadillac Detroit  
Price per night: \$213

[Start a new Search](#)

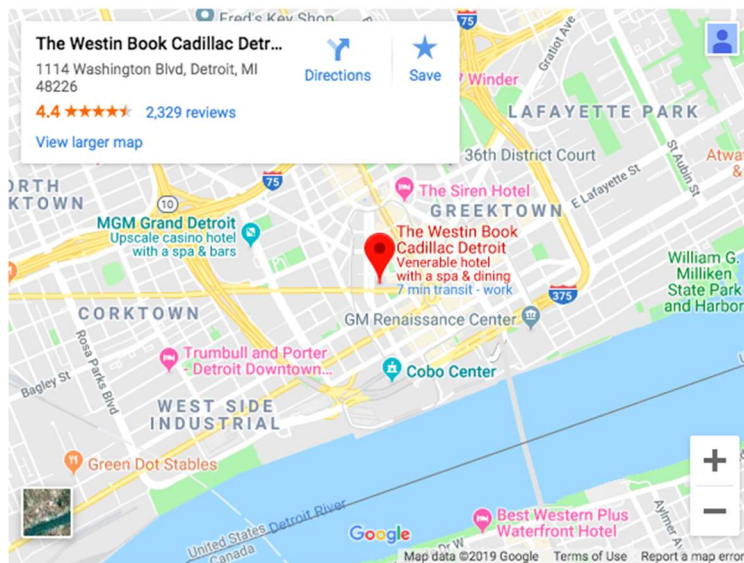
### More Hotel Search Extended Challenges:

- Make the name of each hotel a clickable link. The link leads to a details page that displays the name and price of that hotel.
- On the details page, display an embedded map of the selected hotel. (Hint: Look at a maps site such as Google Maps and find the HTML code to embed. It will include an `<iframe>` that has a `src` attribute. Add a field to your table to store the `src` value for each hotel.)
- Add upvotes to individual hotels. Sort hotels by upvotes.

Example (CSS & Bootstrap are optional):

## The Westin Book Cadillac Detroit

Price per night: \$213



[back to search](#)