

Lab 3 Artifacts - team2345

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Features (user stories) to Implement in Next Sprint:

Listings data:

- Feature 1:** As a user, I want to search lodgings in a certain price range.
- Feature 2:** As a user, I want to search lodgings in a certain neighborhood.
- Feature 3:** As a user, I want to search lodgings by room type.

GUI:

Neighborhoods

Price		Neighborhood	room type
<div>Floor value</div>	<div>Ceil Value</div>	<div>Text Search</div>	<div>(Dropdown) ↓</div>

Test Cases:

- **Feature 1 Test Cases:** As a user, I want to search lodgings in a certain price range
 - Test case 1:** As a user, in the home page, I first select a floor value and a ceiling value for my price range.
 - Correct Output: The website displays listings that fall within the selected values.

- **Feature 2 Test Cases:** As a user, I want to search lodgings in a certain neighborhood.
 - Test case 1:** As a user, in the home page, I search of a neighborhood in the search bar.
 - Correct Output: The website displays a list of all the available rentals in that selected neighborhood.

- **Feature 3 Test Cases:** As a user, I want to search lodgings by room type.
 - Test case 1:** As a user, on the home page, I select a room type from the dropdown list.
 - Correct Output: The website displays a list of all the available rentals that fit the selected room type.

To-Do List

Done list of last sprint:

- Create generic parser for csv files
 - [finished by Jeevan]
- Coded a test Rest API Server/Client connection
 - [finished by Justin]
- Setup HTML/CSS frontend formatting
 - [finished by Valeria]
- Setup Angular Workspace
 - [finished by Krischin]

To-Do for next sprint:

- Design Classes to store parsed data from CSV files
 - ie. a “Listing” class containing id, name, price, etc.
- Set up API POST Requests to send JSONified classes ^
 - POST Request. Sends in a json of various search values. If a search value is blank/None, then the backend doesn't search using that value
- Set up an HTML + CSS file for the GUI. Only 1 Item is shown. (no angular implementation yet)
 - Includes styling

- Includes a Search Bar for listings
- Set up Angular Components + Services to handle API Calls
 - Includes a search ngService which calls to the API
 - Searching for listings between \$0 and \$100:
 - POST localhost:5000/listings
 {'neighborhood': None,
 'roomType': None,
 'priceRange': [0,100]}
- Set up parser to parse listings.csv
 - Return analytics based on searched values inputted by user