Lab 3 Artifacts - team2345

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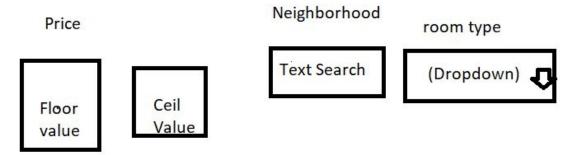
Features (user stories) to Implement in Next Sprint:

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



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.
 - <u>Correct Output:</u> 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.

<u>Correct Output:</u> 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.

<u>Correct Output:</u> The website displays a list of all the available rentals that fit the selected room type.

To-Do List

Done list of <u>last sprint</u>:

- 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