

System and Unit Test Report
HotelLocal
12-2-18

System Test Scenarios

Sprint 1

User Story 1: As a user, I want to be able to search for hotels based on location so that I can plan my stay

User Story 3: As a developer, I want to create and sort through a local hotel database

Scenario:

- 1) Open index.html, click on search bar, type city name. Then hit SEARCH button
- 2) Open Firebase console, make new project. Name database after project for consistency.

Sprint 2

User Story 1: As a developer, I want to create a local hotel database

User Story 3: As a developer, I want a detailed, more interactive website

Scenario:

- 1) Gather data for hotels, store values as objects in Firebase's cloud-based Firestore database.
- 2) In index.html, prevent keys from default behavior. Reassign ENTER key to click on the search button in Javascript. Click on navigation bar to see other relevant pages.

Sprint 3

User Story 1: As a user, I want to be able to search for a hotel based on location.

User Story 2: As a user, I want to filter and sort the hotels by different options.

User Story 3: As as user, I want to be able to view a clean website with clear layout.

Scenario:

- 1) Enter desired city into search bar. Hit SEARCH button or ENTER key.
- 2) Find buttons named “filter,” (or say either “.. & up”/ “..& below”) for filtering
- 3) Find button that either say “..High to Low” or “..Low to High” for sorting
- 4) Index page aside, click on tabs in navigation bar to see clean page formatting.

Sprint 4

User Story 1: As a user, I want to visit a clean, organized website, so that I can find all the information I need in a readable format.

User Story 2: As a user, I want to be able to sort/filter my hotel results through a variety of options, so that I may find my best pick.

Scenario:

- 1) Click on Filters tab near top of page to see organized filter/sorting buttons
- 2) Hover over stars to see rating filter options (click on them to execute filter)
- 3) Click on Seasonal Price drop-down menu to pick desired display price
- 4) Click on desired combination of filtering/sorting to find particular result

Unit Tests

All code for unit tests, (for searching functionality), are located under Testing.txt on GitHub.