

System and Unit Test Report

Slug Space

Team Homeless-no-More

Revision: v1, 12/05/17

User Stories:

Sprint 1

Stories:

1. As a developer, I want to grow familiar with project environment and tools in order to work efficiently.
2. As a user, I want to create and login to my account in order to utilize the website
3. As a user, I want to see the Santa Cruz map in order to see locations relatively safe to UCSC

Scenarios

A developer wants to verify the environment is set up correctly

1. Open up project directory
2. Run base project using 'npm start'
3. If all required packages are not installed, run 'npm install'
4. Run project locally using 'npm start'
5. Open up a browser and go to 'localhost:3000/'
6. Developer should see initial project without issue

Developer verifies they understand tools.

1. Open a source file in javascripts, controllers, or models
2. Go through code line by line
3. Developer should understand syntax and general functionality

A user wants to create an account

1. Open up the project and run locally
2. Navigate to 'create account'
3. Enter an email that is not yet registered
4. Enter a six digit password, then retype it in the required fields
5. Press the 'sign up' button
6. User should see an alert saying account was created successfully

A user wants to login to an existing account

1. Open project and navigate to the 'login page'
2. Enter valid email and password into the required fields
3. Press the 'login' button
4. User should see an alert saying account was authenticated and logged in

A user wants to be look at map of Santa Cruz

1. Open project to the homepage
 2. User should see a Google Map of Santa Cruz area
 3. Click and scroll mouse wheel around the map
 4. User should be able to see the map pan and zoom accordingly
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Sprint 2**Stories:**

1. As a user, I want to be able to create new listings in order to store properties into the database for students to find
2. As a user, I want to be able to view all of the listings on the map in order to see the properties that interest me

Scenarios:**A user creates a new listing**

1. Open app and navigate to the 'createListing' page
2. Enter in required fields such as Address and Rent amount
3. Press the 'create listing' button
4. User should see an alert saying listing was added to database

A user wants to view all of the listings on the map

1. Open the app and navigate to the homepage
 2. User should be able to see markers on the map representing properties
 3. User clicks on a marker
 4. User should be able to see more listing details in an info box
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Sprint 3

Stories:

1. As a user, I want to be able to customize my listings so that potential tenants will be able to see property features that interest them.
2. As a user, I want to be able to filter properties in order to identify properties that I am more interested in.

Scenarios:

A landlord wants to create a listing that has extra information

1. Open the app and go to the createListing page
2. Fill in the required fields marked by a '*'
3. Optionally fill out additional fields
4. Provide further information in description box
5. Press the 'create' button
6. Navigate to search page
7. User should see listing with additional fields displayed

A student wants to see distance/time via bus to reach UCSC from address

1. Open the app and navigate to the homepage or search page
 2. Look at map and select one of the listing markers
 3. User should be able to see distance/time for the listing
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Sprint 4

Stories

1. As a developer, I want to redirect users to login page from dashboard, search, or createListing pages if they are not logged in.
2. As a user, I want a logout button that displays on the top right only if I am logged in.
3. As a user, I want functionality to insert/embed pictures onto map/dashboard/listings page
4. As a developer, I want to maintain owner of listing in db either through another table and/or field

Scenarios:

A user logs in for a general login session

1. Navigate to the login page and provide valid credentials
2. Press the 'login' button

3. User should be directed to search page
4. User should see a logout button at the topright
5. Navigate to dashboard or createListing page
6. User should see a logout button at the topright
7. Press the logout button
8. User should be directed back to the homepage
9. User should see a 'login' button in place of 'signout'

A user wants to access dashboard, make listings, or see detailed map

1. Navigate to the login page
2. Provide valid credentials
3. Press 'login' button
4. Press dashboard, createListing, or search
5. User should see desired page

A landlord wants to include a picture with the listing

1. Navigate to the login page
2. Provide valid credentials and login
3. Navigate to createListings page
4. Fill out required fields marked by '*'
5. Scroll down to file attachment
6. Click attach and provide a valid picture (jpg, png, etc)
7. Click the 'button' and navigate to search page
8. Find and click on the listing on the map.
9. Users can see picture along with additional data in an info box

A user wants to see all of their listings in one place

1. User goes to login page and provides valid credentials
2. User navigates to dashboard page
3. The user should be able to see all listings they created