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Milestone 5

User Acceptance Tests:

- The first test is to make sure that the user can login into the website after signing up. We made random usernames and passwords through the sign-up page. After checking to make sure that the user was populated within the database we then used the credentials and went to the login page. We verified that the login process worked by displaying a login success banner and that the user was redirected to the home page.
- The second test is to ensure that the user can view the part of the map that they want to view by clicking on the buttons. We will use automated testing described below
- The final test checks that the links between the html pages work. Utilizing the menu links to navigate and making sure that the user can navigate back to the original web page that they were on. Then testing that all the web links lead where they intend. We followed each link between pages one at a time to check if they work properly and that you could go back to the page you were originally on.

Automatic Tests:

- We used software called Jasmine <https://jasmine.github.io/> to test some of our java script functions
- These functions were called on a button press from the user. They then change the position of the camera to predefined points in our THREE.js canvas
- The jasmine library checks the function to ensure that the camera has indeed moved to the right spot by comparing the vector returned and the vector denoted by the camera.position object given by THREE.js
- We plan to use this testing to have our camera animate along a path to the viewpoints rather than jump to them
- Jasmine is a very useful tool because it is integrated as an html div container and therefore shows up on our site

