CSE 115 – Your Voice Heard

7/21/2020

System and Unit Test Report

Team: Zoomers

- **Sprint 1 – User Story 1**
  - As a user I would like to be able to access a website where I can see a list of California senators to stay informed.
- **Sprint 1 – User Story 2**
  - As a user I would like to see a list of my federal representatives and senators to contact under each respective current political issue.
    1. Start Your Voice Heard in GCP vm; go to the ip of the vm
        a. Verify that the page loads the intended index.html
        b. Try to view the page for senators and representatives
            i. Does the senator page load?
            ii. Does the representative page load?
    2. For updating the list of senators and representatives in the database
        a. Locally run the getreps.py script to generate .csv files for the senators and representatives; use the update_officials.py Django script to update the list from the csv files
        b. Update the files on the gcp vm; run the app; verify that the list is updated as intended
- **Sprint 2 – User Story 1**
  - As a user, I would like to be able to propose issues so that I can bring up issues that need to be heard.
    1. Start YVH on the GCP VM, and navigate to the ip of the VM
    2. Navigate to proposeissues.html on navbar and verify that page loads
        a. Verify that all elements of the page load as intended
        b. Verify that the two input areas can be interacted with and typed into
        c. Put 'test' text into title and text areas
        d. Hit the 'SEND' button

3. Navigate to results.html
   a. Make sure a new issue was added with your inputted title and text

● **Sprint 2 – User Story 2**
  ○ As a user, I would like to be able to vote on issues that others have proposed so that I can bring issues to others attention.
    1. Navigate to results.html on navbar and verify that page loads
       a. Verify that all elements of the page load as intended
       b. Verify that the upvote and downvote buttons can be interacted with and effect the number of votes
       c. Verify that the user can only influence each issue by +/- 1 vote
    2. Have two computers with the same IP navigate to the site at the same time
       a. Have both computers navigate to the results page
       b. On the first computer, upvote the first 3 issues on the page
       c. On the second computer, downvote the same 3 issues
       d. Refresh the page for both computers; verify that all issue votes were subtracted by -1

● **Sprint 3 – User Story 3**

  ○ As a user, I'd like to look at a visually appealing website about politics so that I can stay politically up to date.
    1. Start Your Voice Heard in GCP vm; go to the ip of the vm
       a. For each page verify that the UI changes did not affect any functionality of the website.
          i. Make sure each button leads somewhere and works
          ii. For the functionality features mentioned in earlier test cases verify that they were unaffected