Geneva Laurain – Map Web Page https://github.com/glaurain/CSC313-MapWebpage

CSC313-TTh 3-6pm
16 Jan 2025
Programming process:
- Followed the instructions from OpenLayers to get the template for the map.
- realized I didn't have Node installed on my new laptop
- downloaded Node with brew install node
- got the files and tested with npm start
- created a GitHub repository and pushed the files.
- my git push token expired so I needed to make a new one.
- Task 1: recentering the map. Played around with the settings in main.js to see how the View section worked.
- searched up on google how to recenter an OpenLayers map.
- followed some tips on the OpenLayers website and on stack overflow
- searched up the long and lat of SLO and got the map recentered/zoomed in
- Task 2: add markers
- started watching a youtube video on adding markers, but I had to leave for another class ...few hours later
- I searched up how to add icons with OpenLayers template.
- Went to a page on OpenLayer's site where they had a large code snippet.
- tried to add elements of that code into mine, but eventually gave up and went to a solution on stack overflow.
- loaded a little map icon into my files
- typed the coordinates of 3 different cities in California.
- Santa Maria, Los Alamitos, and San Francisco
- still couldnt get anything to appear, so I went back to the OpenLayers solution
- added the short stack overflow solution to the longer open layer solution (moved some things around) and managed to get the icons to appear.
- Icons held on to their backgrounds, so I downloaded a new one.
- Only one student per icon, so no need to adjust sizing
- couldn't shake the icon issue, so I instead made circles in CSS and used those as the features/icons.
- this worked!
- pushed everything to github

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