

EE / CprE / SE 491 – sdddec23-11

HOME FINDER

Week 8 Report

04/03/2023 – 04/09/2023

Client: Dr. Bigelow

Faculty Advisor: Dr. Bigelow

Team Members:

Christian Boughton – Team Member

Daniel Chrisman – Team Member

Ella Knott – Team Member

Lith Almadani – Team Member

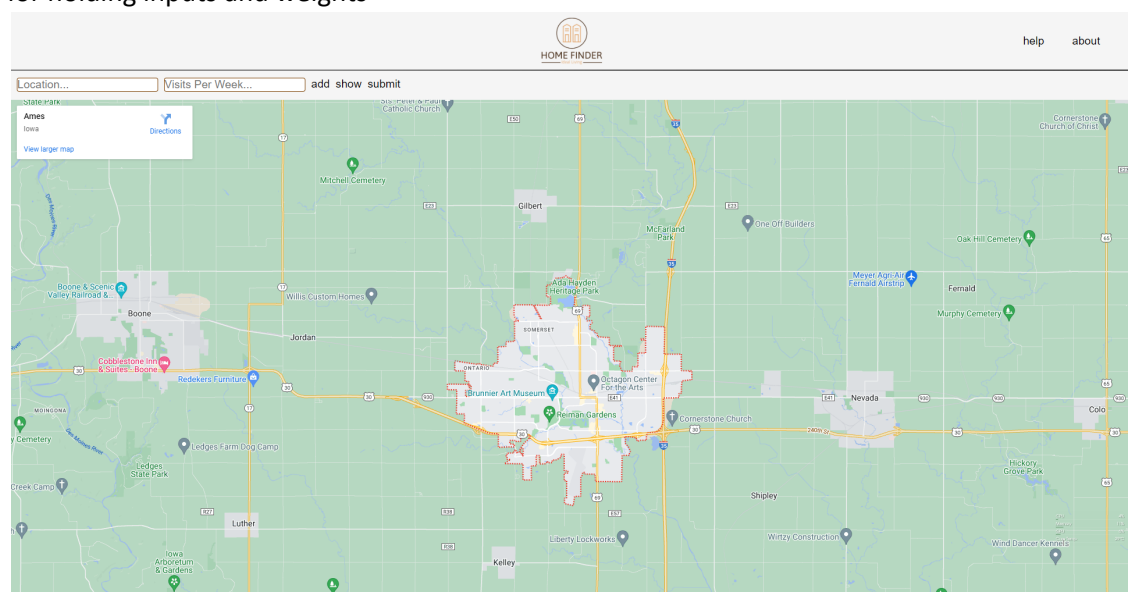
Michael Wieland – Team Member

Summary

The overall objective for this week was to receive feedback from our client and modify our front-end design to reflect the project goals better. The feedback we received allowed us to modify the input text for the front end and gave us a better understanding of the project to employ our data processing functions in the future correctly.

Past Week Accomplishments

- This week we took the previous front-end design to our client and modified the input boxes and functionality to meet the design requirements more accurately.
 - Our client corrected the way in which we were to process information by alerting us to incorrect input placeholders.
 - While demonstrating the web-application front end, we noticed the dropdown bar mutates on smaller screens and created a layout issue. This will be corrected by shrinking the map to 70% of the screen size and using the other 30% on the right hand for holding inputs and weights



- In addition to modifying our front-end design, we researched testing methods for the website using Junit, Nunit, and BrowserStack to ensure our product meets the universality specifications and functions during normal and fringe use. This ensures that duplicate locations and accidental entries not within a reasonable radius of the others can be accounted for correctly.

Pending Issues

- Web design is missing some APIs that allow full functionality
- Dropdown bar that shows entered locations needs to be moved to the right 30% of the screen in a more desirable format to prevent page mutations on some browsers

Individual Contributions

Name	Contributions	Hours this week	Hours cumulative
Christian Boughton	Researched available APIs. Planning and design.	8	53
Daniel Chrisman	Planning and design	8	50
Ella Knott	Set up an initial meeting with the client. Planning and design.	8	49
Lith Almadani	Planning and design	8	50
Michael Wieland	Planning and design	8	50

Plans for the Upcoming Week

- Change the dropdown design to allow for a universal experience
- Shrink or enlarge map size when pressing the show/hide button for the dropdown to allow for uninterrupted viewing
- Add functionality to determine device type and orientation so that mobile devices render a different version of the webpage more friendly to user experience