

EE / CprE / SE 492 – sdddec23-11

HOME FINDER

Report

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

Past Weeks Accomplishments

- Begon moving front-end code to React Framework.
- Created tables and field diagrams for setting up the database

User	
User Id	int
Username	varChar
Password	varChar
Email Address	varChar

Records	
Record Id	int
User id	int
Generated Heat Map	

Trip	
Trip id	int
Record Id	int
Trip Location	varChar
Frequency	int

- Agreed upon methods and variables for API calls to and from the server and front-end

Requests

-Authentication API

--Username

--Password

-Creation API

--Username

--Password

--Email address

---Auto generated User Id

-Create Record API

--Trip lcoation -Converted to coordinates on the front end

--Trip number

--Frequency

Pending Issues

- Making sure everyone can work in the same framework on their personal computers.
- Learning the full capabilities of the API from Zillow
- Learning how to access the APIs
- Converting our previous frontend files to React.
- Database integration and communication.

Individual Contributions

Name	Contributions	Hours this week	Hours cumulative(Semester 2)
Christian Boughton	Began converting front end code to react framework and helped create tables and fields for the database. Additionally, I worked with the UX side to align API request parameters.	4	8
Daniel Chrisman	Helped in the decision of teams and what each team is responsible for doing. Laid out some steps. Helped to figure out the backend to make it easy for everyone to be able to work on it instead of multiple frameworks.	4	8
Ella Knott	Formatting front-end pages to look prettier and more professional	3	6
Lith Almadani	Helped create tables for the database and started the backend.	3	6
Michael Wieland	Working on getting azure server up and running.	3	7

Plans for the Upcoming Week

- Set up a database for account creation and users' ability to save generated heat maps
- Continue converting the current frontend to a React framework
- Start production of the backend using Node.js and Express.js