

EE / CprE / SE 492 – sdde c23-11

HOME FINDER

Report 3

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

- Added front end support for user login, account creation and account recovery.
- Altered existing front end code to send user inputs in the form of JSON objects to the backend.
- Modularized code by creating folders to store .css and .js files. This allows each document to be independent from the rest of the code and significantly decreases the amount of code in the project because the .css and .js files can be reused.
- Added full documentation to existing code for further use by other students and to adhere to best practices.
- Acquired and set up a remote server using Microsoft Azure.
- Set up a MySQL database on the server for data persistence.

Pending Issues

- Rewriting existing code using what we know now to fit best coding practices
- Ensuring JSON data sent between the client and server is factored and read correctly
- Database integration and communication.

Individual Contributions

<u>Name</u>	<u>Contributions</u>	<u>Hours this week</u>	<u>Hours cumulative(Semester 2)</u>
Christian Boughton	Added User login, account creation and recovery pages/functions to the front end. Modularized current code. Established functions to send data from client to server.	8	16
Daniel Chrisman	Planned out a layout of screens and how they should all interact with each other. Started preparation for the required functions on the backend.	3	11
Ella Knott	Continued stylizing website	3	9
Lith Almadani	Worked on my sql table structure And start deciding on the different query needed for the application	4	10
Michael Wieland	Finished setting up the repo connection to the hosting platform and added tables.	5	12

Plans for the Upcoming Week

- Connect repository to the server and begin testing internal API calls
- Continue production of the backend using Node.js and Express.js
- Rework critical areas of the front end code to fit best practices
- Establish user persistence through cookies
- Plan what all is needed on the frontend so the backend can make sure the frontend has access to all requirements.