
EE/CprE/SE 491 Weekly Report (1/13/20 - 1/26/20)

Group Number 001

Client: Brockman, Nathan - Reiman Gardens

Advisor: Vaswani, Namrata

Project Manager: Jay Amin

Project Planner: Mark O'Meara

Project Organizer: James Lockard

Communications Director: Adrianna Kallis

Documentation Designer: Matthew Markrose

Test Engineer: Manthan

Small Pupae Big Data

26th January 2020

Weekly Summary

This week, the team focused on reacclimating to the project after winter break. The team had communication with the client to schedule consistent sprint review and sprint planning meetings. Additional research on tools and frameworks was completed, as well as a preliminary study of the data.

Past Week Accomplishments

Team Member	Work Done
Jay Amin	<ul style="list-style-type: none">● Learned new vue components● Practiced creating graph and analysis in vue front end● Worked on team website mobile optimization
Mark O'Meara	<ul style="list-style-type: none">● Worked on master branch of Git project<ul style="list-style-type: none">○ Added About and Data pages○ CSS styling
James Lockard	<ul style="list-style-type: none">● Worked on UI template setup for navigation and content placement● Explored CSS to update the look/feel of site as Vue standard settings are not working for all situations..
Adrianna Kallis	<ul style="list-style-type: none">● Discussed meeting availabilities for team with client this semester● Asked client which version of data should be used for analysis● Preliminary data analysis in R

Matthew Markose	<ul style="list-style-type: none"> ● Researched useful/ popular node.js libraries found in typical professional work ● Found open source csv file processor which allows for import, export, parsing, and generating
Manthan	<ul style="list-style-type: none"> ● Brainstormed ideas for future project development ● Made some edits to the git project

Pending Issues

Team Member	Issues Encountered
Jay Amin	<ul style="list-style-type: none"> ● Need to do additional research on firebase functions and hosting our data analysis
Mark O'Meara	
James Lockard	<ul style="list-style-type: none"> ● More CSS research will be required to get a look and feel that the prototype has for main page. <ul style="list-style-type: none"> ○ Further group discussions around design decisions will be required.
Adrianna Kallis	<ul style="list-style-type: none"> ● Client still hasn't expressed which version of the data he would like used for analysis
Matthew Markose	
Manthan	<ul style="list-style-type: none"> ● Need to start working on implementing a major part of the project

Individual Contributions

Team Member	Previous Cumulative Hours	Hours Week of 1/13 - 1/19	Hours Week of 1/20 - 1/26	Hours Cumulative
Jay Amin	77	4	1	82
Mark O'Meara	60	1	6.5	67.5
James Lockard	77	8	0	85
Adrianna Kallis	70	4	3	77
Matthew Markose	58	4	0	62

Manthan	77	4	3	84
---------	----	---	---	----

Plans For The Upcoming Week

Team Member	Projected Work
Jay Amin	<ul style="list-style-type: none"> ● Add content to team website ● Work on prototype for first sprint of semester ● Work on documents for faculty meeting
Mark O'Meara	<ul style="list-style-type: none"> ● Meetings with Reiman Gardens staff and with team ● Figuring out how to support various types of data entry ● Will help with frontend or backend work as needed
James Lockard	<ul style="list-style-type: none"> ● Group discussions around prototype UI ● Add a simple python script to project so basic analytics can be done and used by the UI <ul style="list-style-type: none"> ○ Separate the scripts from the front-end code to make working with them easier
Adrianna Kallis	<ul style="list-style-type: none"> ● Get clarity on questions pending answers from client ● Work in R to fit at least 3 models ● Show output of preliminary models to client and gain feedback
Matthew Markrose	<ul style="list-style-type: none"> ● Engage in group discussions ● Build feature in backend or setup database schematic/tables
Manthan	<ul style="list-style-type: none"> ● Finalize the project framework discussions ● Set a timeline for adding new features to the project