
EE/CprE/SE 491 Weekly Report (11/11/19 - 11/24/19)

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

24th November 2019

Weekly Summary

The team collaborated in finalizing components necessary to build out frontend initial project and will push the project to the git repo during the next few weeks. The team also met with the teaching assistant to review the design document. The design document did not have any glaring issues except for formatting sections 5 and 6, completing the team website, and updating a few charts and figures. Talks began for final design presentation and design document, while the news presentation has been completed. Attempted to meet with the team advisor, Dr. Vaswani, as a team, but defaulted to e-mail communication that resulted in more questions. The hope during the next few weeks will be to meet with Dr. Vaswani sometime during dead week.

Past Week Accomplishments

Team Member	Work Done
Jay Amin	<ul style="list-style-type: none">● Built out teamflutr gmail, created flutr-beta firebase project● Uploaded youtube video after encoding it● Did test realtime database work with firebase and firestore● Experimented with firestore and vue store sync● Made prototypes in quasar-framework, bootstrap-vue, and vuetify, settled on vuetify as best component library
Mark O'Meara	<ul style="list-style-type: none">● Experimenting with Firebase● Met with TA to go over Design Document● News Report - Youtube video<ul style="list-style-type: none">○ Met with group to film mock team interview detailing our project

James Lockard	<ul style="list-style-type: none"> ● Researched components libraries to use with Vue framework. BootstrapVue, Quasar, Vuetify, and Buefy. Jay and I discussed and determined Vuetify to be the best choice. May move to BootstrapVue later if deeper modification of components is needed. ● Assisted with YouTube video completion. ● Met with TA and had design review <ul style="list-style-type: none"> ○ Determined new design choice for timeline chart. ●
Adrianna Kallis	<ul style="list-style-type: none"> ● Developed and completed news report video ● Begin preliminary analysis of the given Excel data <ul style="list-style-type: none"> ○ Analysis will require some pre-processing of data ○ There must be an automated framework for this processing so the final product can take in new data ● Begin initial ideation for final presentation <ul style="list-style-type: none"> ○ Looked at given template to gain an idea of what is expected ● Communicated with client <ul style="list-style-type: none"> ○ Discussed access to all materials the team needed
Matthew Markrose	<ul style="list-style-type: none"> ● Continued learning NodeJS ● Familiarized myself with MongoDB ● Met with group to complete Youtube assignment
Manthan	<ul style="list-style-type: none"> ● Made some adjustments to the initial project ● Attended meetings with team members ● Worked on the youtube video assignment ● Updated Team website

Pending Issues

Team Member	Issues Encountered
Jay Amin	<ul style="list-style-type: none"> ● Need to clarify advisor interactions, send email to Dr. Vaswani ● Unclear design document review session, clarify target audience ● Meet with James to push final framework skeleton
Mark O'Meara	<ul style="list-style-type: none"> ● Would like to have more interaction with our advisor ● Not sure what all we need to change in our design document after our TA meeting. ● Waiting for framework skeleton to be finished so I can start working on it.
James Lockard	<ul style="list-style-type: none"> ● Fix design document tasks: <ul style="list-style-type: none"> ○ Expand on task decomposition chart ○ Expand on project timeline chart ● Meet with Jay to initialize project setup ● Begin work on section 5 and 6 of design document

Adrianna Kallis	<ul style="list-style-type: none"> ● Need to clarify advisor interactions <ul style="list-style-type: none"> ○ Need more consistent communication ○ Need to set up meeting to review presentation ● Following the design document review, the team is more confused than clarified for expectations <ul style="list-style-type: none"> ○ Target audience ○ Format and diagram styling preferences ○ Complete final section ● Clarify with Nathan the difference between the “full data” and the “main data” in Box
Matthew Markrose	
Manthan	<ul style="list-style-type: none"> ● Unclear design document review expectations

Individual Contributions

Team Member	Previous Cumulative Hours	Hours Week of 11/11- 11/17	Hours Week of 11/18 - 11/24	Hours Cumulative
Jay Amin	56	6	7	69
Mark O'Meara	46	3	4	53
James Lockard	51	5	6	62
Adrianna Kallis	51	4	4	59
Matthew Markrose	42	2	4	48
Manthan	47	5	8	60

Plans For The Upcoming Week

Team Member	Projected Work
Jay Amin	<ul style="list-style-type: none"> ● Meet with James for framework ● Split up front end work ● Send web design materials to Manthan
Mark O'Meara	<ul style="list-style-type: none"> ● Start adding to framework ● Design Document ● Senior Design Presentation
James Lockard	<ul style="list-style-type: none"> ● Push up initial frontend project once meeting with Jay is complete ● Determine tasks for front-end work ● Begin work on sections 5 and 6 of the design document ● Expand the task decomposition table in the design document

	<ul style="list-style-type: none"> ● Rework to the timeline chart in the design document
Adrianna Kallis	<ul style="list-style-type: none"> ● Communicate with Dr. Vaswani to clarify expectations ● Make progress on automated cleaning and formatting of data ● Complete preliminary logistic regression model ● Make progress on the presentation
Matthew Markose	<ul style="list-style-type: none"> ● Contribute to Git project ● Take on specific part of project
Manthan	<ul style="list-style-type: none"> ● Finish design document ● Make a detailed pdf about individual contribution

Summary of Weekly Advisor Meeting (Optional/If Applicable)

Although the team did not meet in person with Dr. Vaswani, the team had communication via email with her. Through discussion with Dr. Tyagi, the team has learned that there should have been weekly meetings with Dr. Vaswani throughout the semester. Dr. Vaswani, after learning she must evaluate each teammate at the conclusion of the semester, sent an email to Adrianna and Manthan asking for teammate contributions. The email was unclear, and the team is still uncertain of expectations regarding what frequency and detail of updates Dr. Vaswani would like. In the coming weeks, the team plans to construct an email intended to clarify these questions, and will hopefully be able to set up a face to face meeting with Dr. Vaswani during dead week.