

EE / CprE / SE 491 – sdmay19-28

CowChips4Charity

Week 2 Report

September 10th 2018 – September 20th 2018

Client: CowChips4Charity

Faculty Advisor: Lotfi Ben Othmane

Weekly Summary:

This week our team accomplished many tasks regarding various aspects of our project. In regards to the backend features of our project, pricing and options were presented to the client. The entire team and client have agreed upon a sustainable pricing plan. We also created a use case and component diagram. The use case diagram was presented and approved by the client. Conducted research and due diligence for the technologies to be leveraged for the frontend components of our project. Lastly, we have scheduled a meeting time and location for our first in-person meeting with our client. He will be traveling to meet us in Ames on September 26th.

Team Members:

- Role
 - Backend Lead - Connor Rust
 - Backend / Scribe - Jack Boike
 - Frontend Lead - Ben Meeder
 - Frontend/UX/Meeting Scribe - KennyHo
 - Business Lead (PM) - Daniel Lev
 - Administrative/UI - Alex Lev

Past Week Accomplishments:

- Researched pricing for different server options - Connor & Ben
 - Team and client favor the basic 1 dev server for \$7 / month
 - Pricing will change as project matures - prices will cap at \$300-\$400 per month
- Local Database Setup instructions - Connor
- Completion of use case diagram - Kenny & Jack

- Identified two actors
 - Regular users
 - Admin users
- Identified permitted actions for regular and admin users
- Identified where to leverage APIs
 - Possible technologies to utilize: Google Auth, Facebook Auth, Twilio
- Got use case diagram approved by client
- Began creation of component diagram - Alex Lev & Connor Rust
 - Established components that will be used in back end
 - Technologies have been picked
 - Designed architecture for front end
 - Have multiple options for technologies to be leveraged
- Continued researching the different technology that we will need to use In the front end of application - Ben Meeder & Kenneth Ho
 - The team gathered requirements and started researching technologies that would be advantageous to be used for the project.
 - We met and discussed the reasons why certain technologies that we are going to use will be advantageous in relatively to other proposed technology.
 - Talked with the client about our idea and the technology that we will be using going forward.
- Continued researching different technology that we will use in the back end of the application - Connor Rust & Jack Boike
 - Gathered requirements and did research on the technologies that we can use
 - We compared and contrasted the pros and cons to each of the technologies
 - Talked with the client about our idea and the technology that we will be using going forward.
- Established weekly team meeting agenda and client meeting agenda - Daniel
- Set up in person meeting date with client - Alex
 - Meeting options: Monday Night (9/24), Tuesday (9/25) 8pm or Wednesday (9/26) 8am
 - Team and client agreed upon Wednesday (9/26) 8am

Pending Issues:

- Scheduling meeting logistics with client's technical lead who is currently abroad - impacts entire team

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hrs
Daniel Lev	Lead meetings	10	20

	<p>Created agendas for client meetings.</p> <p>Provided input to Connor and Ben regarding the selection of server pricing packages.</p> <p>Created a draft of the communication diagram.</p>		
Connor Rust	<p>Developed instruction document for setting up local database.</p> <p>Worked with Ben to research possible server pricing.</p> <p>Presented findings with Ben to client during 9/20 meeting.</p> <p>Recommended basic pricing package of \$7/month for 1 development server.</p>	10	20
Jack Boike	<p>Worked with Kenny to develop a use case diagram.</p> <p>Identified two types of actors: regular user and admin user. Identified areas where web application can leverage external technologies.</p> <p>Presented findings to</p>	10	20

	client during 9/20 meeting (regular user capabilities).		
Alex Lev	<p>Helped establish meeting agendas with Daniel.</p> <p>Organized an in-person meeting with the client on Wednesday(9/26) at 8 am.</p> <p>Created a draft of the component diagram.</p>	10	20
Kenneth Ho	<p>Worked with Jack to develop a use case diagram.</p> <p>Identified two types of actors: regular user and admin user.</p> <p>Identified areas where web application can leverage external technologies.</p> <p>Presented findings to client during 9/20 meeting (admin user capabilities).</p>	10	20
Ben Meeder	<p>Worked with Connor to research possible server pricing.</p> <p>Presented findings with Connor to client during 9/20 meeting.</p>	10	20

	Recommended basic pricing package of \$7/month for 1 development server.		
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Plans for Coming Week:

- Development of the front - Ben Meeder & Kenneth Ho
- Development of backend - Connor Rust & Jack Boike
- Set up servers and virtual machines to use for development- Connor Rust & Jack Boike
- Communication Diagram - Ben Meeder & Daniel Lev
- Component Diagram - Alex Lev & Connor Rust
- Update shared folder with documentation of the Communication diagram - Ben Meeder & Daniel Lev
- Update shared folder with documentation of the Component diagram - Alex Lev & Connor Rust
- Provide input for mailing service for prizes - Alex Lev