

# EE / CprE / SE 491 – sdmay19-28

## CowChips4Charity

### Week 1-3 Report

January 14th 2019 - January 30th 2019

Client: CowChips4Charity

Faculty Advisor: Lotfi Ben Othmane

### Weekly Summary:

Our team has made massive improvements on the implementation of the application. The backend is more progressive than the actual front end itself. We have made most of the progress along with the backend and have completed most of the backend requirements. After assessing the requirements the backend has about 80% of the requirements complete, the backend has all of the logic and routes made for the integration purposes of our front end. We have been also working on the front end and the front end team is making progress on the components and working currently on addressing all of our main requirements for our application. The team has been executing pair programming strategies to move forward with the programming of the application, by using this strategy we can take the strengths of our group members and the others can learn from them making our development process move along faster. Along with this we have also been working on the admin panel which our client has requested and that has been making a lot of process as well concurrently with the development of frontend and backend. We have met with our client to discuss the progress and our plan of action for the spring. We are in agreement that we have made significant progress and have hit all of our deliverables that are required.

### Team Members:

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

## Past Week Accomplishments:

- Led paired programming sessions for the backend team - Connor Rust
- Implemented the requirements for the backend which include major functioning components of our system - Connor Rust
- Updated the CD/CI for our development platform for our backend making our backend integration seamless - Connor Rust
- Created tests for all of the backend functionalities that were implemented - Connor Rust
- Utilized applications like PostMan to test the backend- Connor Rust and Jack Boike
- Completed integration of Donation Component - Jack Boike
  - Completed frontend
  - Completed integration of frontend with backend
  - Unit tested backend
  
- Researched different VUE templates that team can utilize to keep design consistent throughout the web application - Kenneth Ho
- Created backend component for the organization-select issue while also working on the front end component, completing the full stack development cycle - Kenneth Ho
- Communicated with client to discuss the plan for the semester and led first meeting with the client- Daniel Lev
- Started working on the Tile page for the front end component - Alex Lev
- Integrated tiles with the functioning page of the application while using authentication from user accounts - Alex Lev
- Continue working on Stripe API integration for the frontend and backend- Jack and Ben
- Make the frontend design basic page for the Credit Card donation page where the Stripe integration will be placed - Ben Meeder
- Led Meeting with pair programming for all of the team that was working on the front end - Ben Meeder
- Started working and integrating the admin CRUD page while working with the client - Ben Meeder, Jack Boike
- Set up all of the development architecture and management of github - Ben Meeder
- Finished Login Page for the Admin Page - Ben Meeder
- Finished Login with Facebook Integration - Daniel Lev
- Started Register page for the client side - Daniel Lev
- Integrated Authentication in the front end to access certain routes - Ben and Daniel
- Attended and participated in meeting regarding lessons learned for the semester and created documentation for this - ALL

## Pending Issues:

- The Pending issues are the github issues :
  - <https://github.com/bmeeder22/cowchips-back/issues> ,
  - <https://github.com/bmeeder22/cowchips-front/issues>,
  - <https://github.com/bmeeder22/cowchips-admin/issues>,

## Individual Contributions

<b>Team Member</b>	<b>Contribution</b>	<b>Weekly Hours</b>	<b>Total Hrs</b>
Daniel Lev	<ul style="list-style-type: none"><li>• Led Client kickoff meeting</li><li>• Finished integrating facebook into our login page</li><li>• Created authentication for our front end application</li><li>• Started the Register page on the Client Side</li></ul>	25	115
Connor Rust	<ul style="list-style-type: none"><li>• Created majority of the backend in regards to the requirements about 65% of requirements are complete</li><li>• Created tests for all of the components in the backend</li><li>• Created Tests using PostMan</li><li>• Led paired programming meetings for the backend workers</li></ul>	45	135
Jack Boike	<ul style="list-style-type: none"><li>• Completed the integration for donations including stripe</li><li>• Created the testing for the backend components that were created</li></ul>	25	115

	<ul style="list-style-type: none"> <li>● Integrated Stripe and tested stripe</li> <li>● Nearly completed the integration of the Admin's user CRUD page</li> </ul>		
Alex Lev	<ul style="list-style-type: none"> <li>● Made the tiles page for the front end</li> <li>● Created documentation for transition</li> <li>● Researched a API for ESPN integration</li> </ul>	25	115
Kenneth Ho	<ul style="list-style-type: none"> <li>● Worked on backend for organization-select issue</li> <li>● Worked on front-end components for organization-select page</li> <li>● Wrote tests for the games route</li> </ul>	25	115
Ben Meeder	<ul style="list-style-type: none"> <li>● Led Paired Programming meetings with all of the team</li> <li>● Created the logic for the CRUD admin page</li> <li>● Created tests for all of the front end code that is on the master branch</li> <li>● Made the Login Page for the Admin Page</li> <li>● Mentored the team in VUE development</li> </ul>	35	125

### Plans for Coming Week:

- Add more API endpoints for frontend based on updated version - Connor
- Add Cookies and JWT tokens into the Login and Register Page - Daniel
- Finish the Register page for the front end and incorporate authentication to it - Daniel

- Update Facebook Developer API to the current OAuth standards and use the newest version in the code - Daniel
- Finish the completion and merge the donation branch to the master branch - Jack Boike
- Research Twilio integration - Jack Boike
  - Read docs
  - Implement POC
  - Consider design / architecture
  
- Finish the Tiles page incorporating the newest backend logic into it and upgrade the UI of the page - Alex Lev
- Update how the tiles display the winning score/winning tiles in the User Tiles page - Alex Lev
- Continue working on the Admin Crud page integration - Ben Meeder & Jack Boike
- Continue to lead paired programming sessions to make progress on the front end - Ben Meeder
- Finish the donations page on the front end- Ben Meeder
- Code Review the front end pushes before adding them to the master branch - Ben Meeder
- Finish up the full stack development of the organization-select issue that has been in progress - Kenneth Ho
- Complete changes specified in code review for the organization-select issue in order to finalize the pull request - Kenneth Ho
- Work with the clients graphic designer to enhance the front end UI - Alex Lev & Kenneth Ho
- Finish the donation page - Jack Boike
- Define the backend routes for the games themselves - Connor Rust
- Create the CRUD table for the games - Ben Meeder
- Create the tile selection page - Ben Meeder