EE / CprE / SE 491 – sdmay19-28 CowChips4Charity

Week 3-4 Report

January 30th 2019 - February 10th 2019
Client: CowChips4Charity
Faculty Advisor: Lotfi Ben Othmane

Weekly Summary:

The team placed a lot of effort in testing the backend this week to ensure that all the established routes generated the correct responses. In addition, the frontend and backend leads held a collaborative programming meeting in which the entire development team worked on their respective outstanding Issues together. Two frontend related Issues, "Add URL to postman to the README" and "Force usage of HTTPS" were closed this week along with ten backend related Issues. Progress for the stripe integration and donations routes (backend) are coming along smoothly and can soon be leveraged by the frontend development team. Furthermore, the games and organizations routes were updated to remain consistent with the backend architecture set up by the backend lead. The client has also provided the team with design material that will be used in the future once logo and UI/UX design begins. The development team will continue to concurrently work on the front and backend portions of the web application to allow for smoother integration and modular development. This development practice will allow us to demonstrate portions of the web application to our client so that he can provide us with real-time feedback and stay up to date with the latest changes. In the coming weeks the team will continue to hold paired programming and group programming sessions in the future in order to sustain our development progress.

Team Members:

- o 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 group programming session - Connor Rust & Ben Meeder
- Updated and approved changes to the games, organizations, and donations routes - Connor Rust
- Updated Games board schema to include a 2D array property - Connor Rust
- Identified bug that occasionally prevents test cleanup protocols from running successfully - Connor Rust
- Updated Model methods to express new styling - Connor Rust
- Continued development of required changes for donation / charges - Jack Boike
- Continued testing of the backend components - Connor Rust
- Completed integration of admin user CRUD page - Jack Boike
    - Completed frontend
    - Completed integration of frontend with backend
- Requested and received materials from the client for designing the web application's logo - Kenneth Ho & Alex Lev
- Created routes for retrieving all donations from the database and for retrieving a specific donation by ID from the database - Kenneth Ho
- Created donations.test and helper classes to test the routes for retrieving donation information from the database - Kenneth Ho
- Led meeting with the faculty adviser to go over progress and plan for the semester- Daniel Lev
- Created an Account edit page that utilizes a form to change any credentials of a User's account - Alex Lev
- Created routes for the user to be able to edit their account and then validate that all the changes made are accurate - Alex Lev
- Created tests to ensure that the account edit page works and validates all the information correctly - 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 implementing the tile selection page - 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
- Continued working on CRUD and implementing new features for the admin panel - Ben Meeder
- Led multiple programming sessions which led to completion of issues in github - Ben Meeder
- Updated the login page with additional features (UI) and masked components - Daniel Lev
- Finished testing for the Login Page (Unit Tests) - Daniel Lev

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,
- The decision to consolidate the branch containing the stripe logic with the branch containing the donations routes

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hrs
Daniel Lev	- Led meeting the our faculty advisor - Finished Register page implementation - Finished Unit tests for Login	25	140
Connor Rust	- Updated Games board schema to include a 2D array property - Updated Model methods due for styling consistency - Created organization functionalities (Routes, controllers, models, etc…)	25	160
Jack Boike	- Completed the changes required for charges / donations - Continued testing the backend components - Completed testing of the admin user CRUD page	25	140

	• Completed development of the user CRUD page • Began researching twilio API		
Alex Lev	• Developed the account edit page for users • Created routes to easily edit the User's account • Met with Kenneth Ho to discuss design and logo for project	25	140
Kenneth Ho	• Worked on backend routes for retrieving donations from the database • Created tests for the donation routes • Met with Jack Boike to discuss merging the Donation branch and Donation Routes branch	25	140
Ben Meeder	• Led multiple coding sessions where issues were resolved for other team members • Started tile Selection Page on the Front end • Created a layout of all pages to be unified	20	145

Plans for Coming Week:

- Finalize any updates needed for the games and organizations routes (Backend updates) - Connor Rust
- Finish Unit Testing Register Page on front End- Daniel
- Update UI of Login and Register Page- Daniel
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- Finish the completion and merge the donation branch to the master branch - Jack Boike
- Begin POC / small examples of twilio - Jack Boike
- Ensure all testing is done for the Accounts edit page and create unit test for this page - Alex Lev
- Continue working on 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 when the games gets updates - Alex Lev
- Continue to lead paired programming sessions to make progress on the front end - Ben Meeder
- Integrate stepper into the application- Ben Meeder
- Code Review the front end pushes before adding them to the master branch - Ben Meeder
- Finish the tile selection page
- Consolidate branch containing the donations routes with the branch containing stripe logic after approval from development leads - Kenneth Ho
- Game Selection page is currently on HOLD but upon approval, development will resume - Kenneth Ho
- Begin working on the active games implementation plan (After discussing with Ben Meeder) - Connor Rust
- Begin working on pagination utility for returning objects from the database - Connor Rust
- Unit test the admin panel - Ben Meeder