EE / CprE / SE 491 – sdmay19-28 CowChips4Charity

Week 5 Report

February 10th 2019 - February 17th 2019
Client: CowChips4Charity
Faculty Advisor: Lotfi Ben Othmane

Weekly Summary:

The team continued to work on the application in regards to both frontend and backend. This week the major things that were accomplished were individual components of the both frontend and backend. We were able to finish these components, unit test them and integrate them into the master branch of our system. We also were able to make some architectural changes to our system based off of UX feedback from our client and a retrospective our group has had. We decided that we will have a working beta prototype by the end of spring break. We are on goal with this deadline and have changed our project management system drastically to allocate more resources to the front-end given that our backend is very near completion.

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:

- Discussed how to handle invalid requests from the admins and users. Decided best course of action was to handle validation in the front end - Connor Rust & Ben Meeder

- Opened discussion regarding the data model for the web application. Insights from the discussion will be implemented by updating schemas in the backend - Connor Rust & Ben Meeder
- Unified formatting for phone number inputs - Connor Rust & Ben Meeder
- Researched and implemented pagination when selecting items from the database - Connor Rust
- Discussed ideas on how to best implement "active" games within the system - Connor Rust & Ben Meeder
- Continued testing of the backend components (Same as last week, just more updates to account for new features) - Connor Rust
- Started development of pagination for the admin CRUD page - Jack Boike
- Worked with Kenneth/Jack to start the merging of donations and charges- Jack Boike & Kenneth Ho
- Discussed with Ben/Jack what statistics will be shown on the admin home page - Jack Boike & Ben Meeder
- Received approval from client to adjust color schemes and logo for web application design - Kenneth Ho & Alex Lev
- Fixed errors and updated testing for /get donations route; removed chargeID from testing and generation of donations in donation.helper and donation.test - Kenneth Ho
- Added the donations route to the router page to fix jasmine error - Kenneth Ho
- Led meeting with the client to go over progress and plan for the semester- Daniel Lev
- Created test for the account page to be able to test if the user is able to update their information - Alex Lev
- Linked the accounts edit page to the homepage for a user to edit their account once logged in - Alex Lev
- Authorized the account edit page to only work once a active user has registered and then logged in or an existing user has already logged in - Alex Lev
- Continue working on Stripe API integration for the frontend and backend (Continuation of work from last week) - Jack and Ben
- Continued development of the stepper component that will house the org select, tile select, and donation modules - Ben Meeder
- Helped resolve frontend errors encountered by Daniel, Alex, Jack, and Kenny - Ben Meeder
- Continued maintenance of the development architecture and management of github - Ben Meeder
- Continued working on CRUD and implementing new features for the admin panel (Continuation of last week's work) - Ben Meeder
- Updated frontend to automatically adjust view depending on the device - Ben Meeder
- Finished testing for the Register (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

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hrs
Daniel Lev	- Finished Register page tests and got it merged into master - Helped teammates with front end issues - Started a people management plan to optimize resource allocation	15	155
Connor Rust	- Researched and implemented pagination feature in some routes - Co - Led discussion regarding the data model for the web application - Continued testing of backend components	25	185
Jack Boike	- Collaborated with Kenneth to combine donation and charges - Began implementation of user CRUD pagination - Completed testing of the admin user CRUD page - Discussed with Ben the statistics that will be shown to the admin on the admin home screen	25	165

Alex Lev	• Authorized the accounts page to only work when a user is logged in • Met with Kenneth Ho to discuss design and logo for project • Created tests for the account edit page	25	165
Kenneth Ho	• Completed backend routes for retrieving donations from the database • Finished and updated tests for the donation routes • Started on pagination for donation routes • Met with Alex Lev to discuss possible UI plans	15	155
Ben Meeder	• Worked on the Stepper that will house frontend components • Continued design and implementation of admin panel features • Co - Led discussion regarding the data model for the web application • Updated frontend to automatically adjust view depending on the device	25	170

Plans for Coming Week:

- Finalize any approve all changes regarding the merge of the donation branch and charges branch - Connor Rust
- Finish helping Alex with Unit Tests for his portion- Daniel

- Update UI of Login and Register Page- Daniel
- Finish a roadmap for the rest of the semester which will include allocation of the rest of functionalities. This roadmap leads up until after spring break which is our goal for our beta of our product.
- Complete the merging of the donations and charges - Jack Boike & Kenneth Ho
- Continue the development of the pagination for the admin CRUD panel - Jack Boike
- Continue the discussion of which statistics to be shown on admin home screen - Jack Boike
- Continue with CRUD modularization - Jack Boike
- Ensure all testing is done for the Accounts edit page and create unit test for this page - Alex Lev
- Create an entire roadmap for UI beta and UX in regards to color schemes and graphic designs - Alex Lev
- Finish creating unit tests for the accounts page and ensure that the entire page links with the existing user's information - Alex Lev
- Scheduled paired programming sessions for coming Sunday to make progress on the front end - Ben Meeder
- Meet with Daniel to discuss remaining frontend issues and the allocation of work - Ben Meeder
- Code Review for Jack Boike's outstanding issue - Ben Meeder
- Finish the tile selection page
- Continue to work on pagination for the donation routes - Kenneth Ho
- Create test for the pagination feature for the donation routes - Kenneth Ho
- (No Update) Game Selection page is currently on HOLD but upon approval, development will resume - Kenneth Ho
- Need to update schemas accordingly due to new changes in the data model - Connor Rust
- Take over ownership of donation branch and charge branch merger to allocate more resources to the frontend and admin portions of the application - Connor Rust