EE / CprE / SE 491 – sdmay19-28 CowChips4Charity

Week 4 Report

October 5th 2018 - October 14th 2018
Client: CowChips4Charity
Faculty Advisor: Lotfi Ben Othmane

Weekly Summary:

Continued working on the product user experience and user interface. Initial research phase for logos, web layout, and color schemes is in progress. First drafts of the wire-frames for the admin and regular user screens have been completed for the mobile web application layout. Wire-frames have been uploaded to the project website to provide easy accessibility for the development team and the client. We embarked on the development of branding framework and other user experience work. We began the development of the CI/CD pipeline for the backend of the application. Additionally, we created a document that outlines tutorials on the technologies we will be using, the tools we will be using, and our Software Development Lifecycle.

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:

- Completed first draft of Regular user screens for mobile version of web application (Wire-frame) - Kenneth Ho
    - Create Account Screen
    - Select Event Screen

- o Select Team Screen
- o Select Grid Tiles Screen
- o Home Screen
- o Your Tiles Screen
- o Donation/Payment Screen
- Continued UI/UX research/planning - Kenneth Ho & Alex Lev
  - o Considering different color schemes
    - Simple black and white color schematic to mimic a cow
    - Possible use of cow pattern on traditional web browser to allow for easy scaling with mobile web application
  - o Logo placement on different screens
    - The Boo Radley Foundation Logo on home page
    - Gertrude says… on home page
    - Use of free cartoon cow clipart as recurring theme
- Completed first draft of Admin user screens for mobile version of web application (Wire-frame) - Alex Lev
- Began setup of backend CI/CD pipeline - Jack Boike & Connor Rust
- Updated Documentation for the project in regards to trello, github, and google docs - Daniel
- Led discussion and created an updated version of plan of action which our team will execute until the end of the semester- Daniel
- Completed setup of frontend CI pipeline - Ben Meeder
- Created a design and process document for frontend developers - Ben Meeder

Pending Issues:

- Scheduling meeting logistics with client's technical lead who is currently abroad - impacts entire team
- Alignment of mobile web application layout (wire-frame) and standard web browser layout (wire-frame) - Possible solution identified

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hrs
Daniel Lev	- Research into Node.js (backend support) - Research into Vue (frontend support) - Set up environment and pulled our current infrastructure from github	10	40

	• Led and updated Plan of action meeting		
Connor Rust	• Research into Node.js servers • Database hosting research • Axios research • Began API documentation	10	40
Jack Boike	• Continued research of CI/CD pipeline technologies • Began development of CI/CD pipeline for backend	10	40
Alex Lev	• Developed a branding baseline and color themes • Created wire-frames for mobile layout (admin user) • Communicated with client via trademark and other branding policies	10	40
Kenneth Ho	• UX/UI theme and color decisions • Completed wire-frames for mobile layout (Regular User Screens) • Uploaded wire-frame draft document to project website • Project website maintenance	10	40
Ben Meeder	• Scratch research • Developed and presented process and development	10	40

	information for frontend developers ● Setup CI pipeline ● Researched domain names		

Plans for Coming Week:

- Development of the front - Ben Meeder & Kenneth Ho
- Development of backend - Connor Rust & Jack Boike
    - Axios JS research
- Continue setup of CI/CD pipeline for backend - Jack Boike & Connor Rust
- Continue work on logo placement, color scheme, and sort out clip art issues - Kenneth Ho & Alex Lev
    - Verify terms of use for Cow Clip Art
- Continue draft of wireframes (Start development of V1 Standard Web Browser Layout; V1 of mobile layout is complete) - Kenneth Ho & Alex Lev
- Lead meeting with client for him to approve our wire frames which will let us progress on development - Daniel
- Connect API for logging in (Facebook) - Daniel