
sddec22-01 | Jack-o-Lantern Tracker

Week 6 Report

3/06/2023 - 03/12/2023

Client

Nathan Brockman

Advisor

Judith Islam

Team Members

Kyle Goben – *Team Lead, Frontend*

Kiara Sta. Maria – *Frontend*

Omar Muhammetkulyyev – *Backend*

Phuoc (Johnny) Nguyen – *Backend*

Weekly Summary

This week, we decided to cancel our Client meeting. Several team members had large midterm exams this week, which resulted in slower overall progress. We will meet with the client on Tuesday, March 21st, following the break.

During the week, our team made significant progress refining the project requirements. We were able to analyze the feedback received from the client and advisor and incorporate their suggestions into the project scope. The refinement process helped us to identify key features that were essential to the project's success and prioritize them accordingly. We also identified some non-essential features we would include in the project if time permits. We believe that this will help us to stay on track and deliver a high-quality project that meets the client's needs.

Pending Issues

I. Team's Work Progress

- Build up and improve upon the diagrams.
- Continue to create screen sketches for the admin side.
- Connect the node server with the database instance hosted on our VM.

II. Individual TODOs

- Kyle
 - These are mostly the same as last week due to slow progress
 - Generate some template code for each of the admin screens
 - Create mock API requests for each interaction with the volunteer section
 - Create formatting for the final 2 volunteer screens
 - Prepare a handoff to other members of the team.
 - Bring team up to speed on the process and formatting of the files
 - Demonstrate and teach how to create a screen from the bottom up
 - Including routing a button or function to an API route
- Omar
 - Figure out how to access the MySQL database on our VM
 - Currently, the password to the root user is unknown, so I need to reach out to ETG about it.
 - Migrate the backend application from the personal server to our team's VM.
 - Implement more API endpoints for the requests needed by the front end
 - Research setting up the Docker Image and how to get the CI/CD working together with Kyle.
- Johnny
 - Connect the node server with the database (still having issues integrating into our project).
 - Research on how to code on React/Next.js.
- Kiara
 - Get started with initial screen sketches for the admin side to get feedback before adding more details.
 - Create/update diagrams
 - Compile requirements in a unified, comprehensive document
 - Research on how to code on React/Next.js.

Individual Contributions

	Tasks Accomplished	Hours this week	Hours total
Kyle Goben	<ul style="list-style-type: none"> ● Meeting with the team. ● Send emails to the Client and Advisor. ● Updated the team website: <ul style="list-style-type: none"> ○ Team description ○ New reports and design documents uploaded ● Unfortunately, due to midterms, I was not able to complete the tasks that I was hoping to complete. ● The plan is to hit the ground running after the break. ● Generated the Report 5. 	3	43
Omar	<ul style="list-style-type: none"> ● Started researching about neural networks <ul style="list-style-type: none"> ○ Learned about forward-feeding, back-propagation and gradient descent of neural networks ● Because of the exams I was unable to address the pending issues this week. <ul style="list-style-type: none"> ○ Still have to migrate the backend onto our VM 	3	37
Kiara Sta. Maria	<ul style="list-style-type: none"> ● Editing screen sketches. ● Updated the team website. ● Weekly report 5 (client meeting) 	6	38
Phuoc Nguyen (Johnny)	<ul style="list-style-type: none"> ● Write a project description to add to the group website. ● Working on creating the connection between the database and the web server (still having issues while integrating into our project). ● Weekly report 5 (summary) 	6	38

Plans for Next 2 Weeks

Next team meeting on Mar. 21st (Tue) – *Everyone*

- Discuss the work that has been completed since our meeting in Mar. 1st.
- Review the front-end prototype and find ways to make improvements to further develop the design.
- Review the backend side with the database connection.
 - Figure out what other handlers we need for the backend volunteer side
 - Start working on/playing with the admin side requests

Next client meeting on Mar. 21st (Tue) – *Everyone*

- Show our ER, use-case, and activity diagrams.
- Ask for possible improvements.
- Questions:
 - Will a sort functionality for stencils be useful? If so, what can we sort by?
 - Should admins be able to create accounts (to track user changes)
 - For example, if there are multiple admin users. need to know who did which change?
 - Aside from this, how to ensure that this website URL/endpoint will not be accessible to anyone but the admins...
 - What homepage screen will be useful for the admin side?
 - Right now, we're thinking of just displaying the stencils with a search box.

Summary of Client Meeting

March 07, 2023

After careful consideration and discussion among team members, we decided to cancel our client meeting scheduled for this week. This decision was made due to the midterm exams that some of our team members had to take this week. We believed that with the exams taking up a significant amount of our team members' time and energy, the meeting would not be productive as we would not be able to present substantial progress.

However, we understand the importance of meeting with our client regularly to ensure that we remain on track and aligned with their expectations. Therefore, we have rescheduled the next meeting for Tuesday, March 21st, following spring break. We will use this time to make progress on the project and prepare a detailed report for the client.