

sddec20-29: Microbiology Lab Information Management and Visualization System

Week 4 Report

March 2 - March 15

Team MembersBrittany McPeek — *Report/Documentation Manager*Benjamin Vogel — *Team Manager*Rob Reinhard — *Meeting facilitator*Kyle Gansen — *Meeting Scribe*Ben Alexander — *Progress Manager*Samuel Jungman — *Chief Engineer***Summary of Progress this Report**

Held a meeting with the Technical Advisor and Client to further discuss the Client's needs. Experienced first-hand the current process the client uses to create graphs and visualizations from the data. Toured the microbiology lab to see the environment our Client works in. Completed a lightning talk that details the goals of our project as well as the timeline and due dates we have set out for ourselves. Continued to research Python libraries that would be useful in our system (graphing and visual utilities).

Pending Issues

No pending issues, other than the lack of ability to meet face-to-face due to COVID-19.

Plans for Upcoming Reporting Period

Divy up the modules of our system amongst ourselves - and begin a more detailed research on our respective portions of the project. Begin implementation of the project. Set up CI/CD.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Brittany McPeek	Worked on the second part of the core technical goals for our lightning talk. Worked on reflection assignment and discussed with teammates our answers to Q1-Q3. Also met with the client two more times, gathering more details on the project as well as getting hands-on experience with how the client's current process of developing graphs works.	6	0
Benjamin Vogel	Worked on the reflection, lightning talk (specifically the concept sketch slide), did more research on the importing of documents, and worked through a few meetings with the client and amongst the team to gain more details on the	6	0

	implementation of the project.		
Rob Reinhard	Set up a meeting with the team and led discussion to discuss revisions for our design documentation and to discuss specific details on project implementation. Worked on the reflection and did the stretch technical goal slide of the lightning talk.	5	
Kyle Gansen	Met with client and rest of team twice. Made and recorded audio for the first semester timeline slide of lightning talk. Worked with rest of team for reflection	5	0
Ben Alexander	Participated in the tour of the microbiology lab and got a feel for the software that our client currently uses to track experiments. Also worked on the lightning talk and presented the introduction and core technical details slides. Collaborated with the team for the reflection as well.	5	
Samuel Jungman	Met with team in a variety of locations as well as began research into the statistical modeling that will be used in the projects. Also began to familiarize self with the technologies will be needed in the implementation of the project.	5	0

Gitlab Activity Summary

Nothing to report.
