

sddec20-29: Microbiology Lab Information Management and Visualization System

Week 2 Report

February 2 - February 16

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 several meetings with the Technical Advisor and Client to further gather an understanding of the system to be created. Started to research Python libraries that would be useful in our system (graphing and visual utilities). Completed a Lightning Talk about Requirements (Functional Requirements, Documentation Standards, Economic/Environmental Requirements, Software Standards, Digital Design Standards). Started Design Document, specifically detailing some Use Cases.

Pending Issues

Finalizing our choice of libraries to use, solidifying our architecture. Also need to come to an agreement on platform choice.

Plans for Upcoming Reporting Period

Finalizing our choice of libraries to use, solidifying our architecture and platform. Finishing the executive summary, introduction, and specifications and analysis in our Design Document. Holding more meetings with our Client to finalize our architecture and continue to get more input on our ideas.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Brittany McPeek	Met with Client to discuss requirements and use cases further. Contributed to the Lightning Talk, specifically detailing the team's documentation standards going forward. Researched potential Python libraries we could use for our system.	7	0
Benjamin Vogel	Set up the meeting with the client and adviser, Worked on overview and functional requirements portion of the lightning talk, worked on use cases given to us by our client and began work on the design document.	7	0

Rob Reinhard	Scheduled meeting to discuss progress with group	7	
Kyle Gansen	Recorded notes for minutes. Created Digital Design Standards slide for lightening talk. Began work on design document	7	0
Ben Alexander	Made the software development slide on the lightning talk, participated in meetings with adviser and client, began work on the design document.	7	
Samuel Jungman	Made the Economic and Environmental Hazard slide. Contributed to the conception of the design doc	7	0

Gitlab Activity SummaryNothing to report.
