

October 24, 2019

Scott Bruslind
Analysis Laboratory
41854 Cut Off Dr
Lebanon, OR 97355

Dear Mr. Bruslind,

The ECE44x Capstone Group 3 would like to thank you for your project submission and for choosing us to work with you on this product. Group 3 is made up of 3 members; Mack Hall, Zach Bendt, and Jorian Bruslind. We are all electrical engineers in our 4th year and are looking forward to applying our diverse skill set towards the Automated Microbial Analysis project. Mack Hall will be specializing in hardware electronics and firmware and has a background in analog circuit design as well as power electronics. Zach Bendt will be working on our software and system control and has experience working with front facing User Interfaces as well as data collection and analysis. Jorian Bruslind will be working on the mechanical aspect of the design and has 3 years experience in the OSU Robotics Club working with robotic systems.

We have organized this project into 3 phases each taking one term to complete. Fall term begins phase 1 and will be comprised of researching the project scope, developing possible solutions, creating computerized models, and defining project features. In phase 2 we will build prototypes based on phase 1 designs and begin testing components of the project. During phase 3 we will finalize testing of the final product, complete any redesigned components and create the necessary documentation for later project development and implementation into your workflow.

During this process we will keep a website hosted through Google sites that will show our latest project updates and any news regarding the project development process. This site can be found at <http://bit.ly/2MIzZ3>. We will also be maintaining a shared team drive through Google Drive that will serve as a repository for all current project files. These will include (among others) schematic files, drawings, documentation, datasheets, and source code. This will be made available to you and you are free to view it whenever you would like.

Thank you for your time and consideration, we look forward working with you in the future.

Sincerely,

Jorian Bruslind Mack Hall Zach Bendt

Group 3