Team Name: sddec21-11

Team Members: Colin Firth, Tary Todd, Aaron Martin, Chris Johannsen, Dale Young, Addison

Ulrick

Report Period: Oct 25-Nov 8

## **Summary of Progress in this Period**

• Added functionality to allow multiple defects per print.

• Identified bugs in current software implementation to fix before delivery

## **Pending Issues**

- Acquisition and in-depth understanding of oxygen sensor
- Voxel generation needs to be tested in depth
- Homing function should be recalibrated once laser positioning is finalized.
- Software documentation needs to be written before delivery

## **Plans for Upcoming Reporting Period**

- Create a Gcode Verification Program
- Update Website
- Document how Slicer and Defect code work.
- Develop config files to give to the Slicer.