

Team Name: sdmay24-17

Team Members:

- Alexandra Whitmer
- Karandeep Sandhu
- Zheyuan Zhang
- Grant DeWaay
- Seyedehbahareh Hashemimovahed
- Austin Krekula

Report Period: Nov 5 – Nov 19

Summary of Progress in this Period

- Created first prototype of the grid
 - Completed iteration 1 of the display layout
 - Discussed block design and how many we will use
 - Finalized a design for the hardware grid
 - Added artistic features to the design
 - Completed the testing design document
 - Completed the testing lighting talk
 - Conducted more research on hardware components and began looking at potential parts to buy for final design
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Pending Issues

- Design circuit to shunt sensors using 4 to 1 multiplexers
 - Design required infrastructure models using 3D modeling software.
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Plans for Upcoming Reporting Period

- Continue to do research on hardware parts and model design
 - Work together to find solutions to our pending issues
 - Meet with our client and advisor to work out issues
 - Continue to work on prototype of the grid
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