

Weekly Report 19

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PROGRESS

This week we spent our time fixing the 3D CAD prototypes to be compatible with the 3D printer in the Urbauer BME lab. We ended up 3D printing the handle and ball-and-socket mechanism in order to determine improvements to make for the design as a whole for future printing. We found that the current thickness is too thin for the handle, and the ball-and-socket needs more supports when printing because it ended up failing to print due to stability and support issues.

QUESTIONS FOR THE GROUP

Do we want to meet with Professor Widder in order to determine how to best improve our design for the 3D printer?

When do we want to meet with the client to update him on our progress?