

EE / CprE / SE 492 – sdmay32

Smart Saw

Week 5 Report

Client: Pachyderm Industries

Faculty Advisor: Long Que

Team Members: Jace Fedler, David Kruse, Ethan Bauman, Austin Mackedanz, Mitchell Kistner, Patrick Pham, Lance Longhorn

Past Week Accomplishments

- Obtained a locker to hold Smart Saw
- Obtained connector pins from ETG
- Created overview of goals and objectives for programming
- Printed prototype box for controller

Pending Issues

- Need to initiate progress on wireless communication between the Saw and Controller arduino's.
- Attached header pins onto arduino/Xbee
- Increase accountability

Individual Contributions

Jace Fedler	Created general coding objectives and requirements
David Kruse	Created Electrical Schematic of Smart Saw
Ethan Bauman	Created general coding objectives and requirements
Austin Mackedanz	Set up regular Microsoft Team Meetings
Mitchell Kistner	Helped finalize design of controller
Patrick Pham	Obtained a locker to store Smart Saw
Lance Longhorn	Printed prototype of controller housing

Plans for Coming Week

- Start on wiring hardware components of controller (buttons, switches, LED's)
- Create electrical schematic for controller and saw