Intelligent System Design II

Electrical and Computer Engineering

Clemson University

Weekly Progress Report and Planning Sheet

*Lazy Latte Art*

Leah Brown, Luke Swetonic, Jacqueline Bendziewicz, Mariah Tam, Elise Ferkler, Derrick Joyce

Week of: February 20, 2023

Activities Completed This week (bullet points):

* Updated PMP
* Wired and programmed servos
* Wired and programmed linear actuator
* Started building physical model

| Student (update) | Individual Accomplishment(s)/Effort(s) contributing to Team Efforts | PMP sync?\* |
| --- | --- | --- |
| Elise Ferkler | Wired servos and linear actuator, helped research pwm control for linear actuator, and updated the PMP | yes |
| Jackie Bendziewicz | Cut wood and helped assemble physical prototype for design so far | yes |
| Leah Brown | Cut wood and 3D printed small parts for connecting the actuator to the platform | yes |
| Derrick Joyce | Programmed linear actuator and servo, cut wood for milestone 1 demo |  |
| Luke Swetonic | Was not able to attend meetings and help with activities this week | yes |
| Mariah Tam | Helped program linear actuator and servo | yes |

\* Please answer as Yes, No or Ahead, which represent on-schedule, late and ahead-of-schedule progress with respect to the PMP.

Activities in Progress (bullet points):

* Continue building physical model
* Work on perfecting angles and distances of servos and linear actuators

Activities to be Started Next Week (bullet points):

* Get electrical components moving at the same time
* Add electrical components to the physical model

Issues for Immediate Action and Attention (bullet points):

* New servos?
* Advice on controlling the speed of the linear actuator

Materials and Supplies Needed (bullet points):