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: April 3, 2023

Activities Completed This week (bullet points):

* Implemented hardware PWM for servo motors
* Tested heart design with water and milk
* Worked on making the design more structurally sound
* Started to build case for design

| Student (update) | Individual Accomplishment(s)/Effort(s) contributing to Team Efforts | PMP sync?\* |
| --- | --- | --- |
| Luke | Converted code to implement hardware PWM, fine tuning of pouring the heart design with water and milk, helped brainstorm and implement structural changes to the machine. | yes |
| Elise | Helped fine tune the design for the heart with water and milk. Helped make the design more structural, and helped design the casing for the machine | yes |
| Leah | Printed new milk holder, helped rebuild platform, helped with motions of code | yes |
| Jackie | Helped troubleshoot pouring designs with water. Missed the second meeting of the week. | yes |
| Mariah | Helped stabilize the machine and helped make the casing for the machine | yes |
| Derrick | Helped make the casing for the machine, and created GUI on another platform | 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 to work on the structure of the design
* Continue to modify the designs to use the hardware PWM
* Continue to build casing for electronics

Activities to be Started Next Week (bullet points):

* Start to pour design with coffee and milk for heart design
* Start modifying the tulip and fern designs with water

Issues for Immediate Action and Attention (bullet points):

Materials and Supplies Needed (bullet points):