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: March 6, 2023

Activities Completed This week (bullet points):

* Rough draft of GUI

| Student (update) | Individual Accomplishment(s)/Effort(s) contributing to Team Efforts | PMP sync?\* |
| --- | --- | --- |
| Jackie | Researched options for vertical movement support, assisted with gluing and finishing assembling physical prototype pieces | yes |
| Elise | Started initial programming for pouring milk for creating “canvas” for the latte art | yes |
| Mariah | Made a rough draft for the GUI, and helped with the initial programming of movements for latte art | yes |
| Derrick | Helped with initial programming for latte art | yes |
| Luke | Attempted to fix jitter in the servo motors, starting initial movements for the heart design | yes |
| Leah | Determining how to make latte art with real coffee and milk, making modifications to 3D printed components |  |

\* 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):

* Implementing additional supports for the vertical actuator
* Started programming latte pouring
* Started learning how to pour a latte by hand
* Created classes for each design

Activities to be Started Next Week (bullet points):

* Continue learning the exact way to pour latte art
* Continue to update the code to pour the art
* Start testing pouring with non liquid material

Issues for Immediate Action and Attention (bullet points):

Materials and Supplies Needed (bullet points):