Milestone 5

for

Project Caesar

Version 1.0

Prepared by Jordan Alvarez, Caleb Benedick, Tyler Korte, and Julien Pinelli

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1. Contact Information

1.1 Team Members

Jordan Alvarez:
    Email: alvarezj2015@my.fit.edu
Tyler Korte:
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Caleb Benedick:
    Email: cbenedick2014@my.fit.edu
Julien Pinelli:
    Email: jpinelli2015@my.fit.edu

1.2 Client and Faculty Sponsor

Sponsor:
    Dr. Eraldo Ribeiro
    Department: School of Computing
    Email: eribeiro@cs.fit.edu
Client:
    Dr. Darby Proctor
    Department: School of Psychology
    Email: dproctor@fit.edu

2. Meeting Schedule

2.1 Client:

Team meeting with the project client occur every Monday at 5pm.
Meeting Dates:
- 10/22/18

2.2 Sponsor:

Meetings vary dependant on sponsor and team schedules.
Meeting Dates:
- 10/29/2018

3. Progress of Milestone 2

Task	Jordan	Tyler	Caleb	Julien	Completion %	To do
Documentation	**100%**	**0%**	**0%**	**0%**	**100%**	**Updates as Required**
Create/Finish Github and OSF	**100%**	**0%**	**0%**	**0%**	**100%**	**N/A**
Design 3D printed dispenser	**0%**	**100%**	**0%**	**0%**	**100%**	**N/A**
Create Menu to launch the test	**0%**	**0%**	**90%**	**0%**	**90%**	**Stylalization**
Finish initial version of system	**20%**	**20%**	**20%**	**20%**	**80%**	**Model and print custom casing; Finish Raspberry pi to Arduino code**

3.1 Progression Discussion

Documentation:

All documentation that had been previously completed by the team is currently being updated by Jordan. At this point the documentation has all been updated. Jordan will continue to update the documentation as needed.

Create/Finish Github and OSF projects

Jordan volunteered to created and administrate both the github and Open Science Framework accounts for the project. At this point in time, both accounts have been created and setup for both is now complete and ready for use.

Design and 3D print the pellet dispenser:

Tyler was in charge of doing all the 3D modeling for the custom pellet dispenser. At this point in time, the modeling has been completed and Julien was able to 3D print the model successfully.

Create menu to launch the Test:

The menu is used to start a training wheels test with customizable variables and the ability to choose the icon. The only thing left to do on the menu is stylization. This is a menu specific to the training wheels test; each future test will have its own start up menu that will be able to be selected from a future main menu.

Finish Initial version of the system:

The overall goal of this milestone was to have a complete and working hardware and software system for initial testing. The hardware should be totally complete and the software should have the main menu functional and able to launch the start screen and the test itself.

4. Milestone 6 Goal Matrix

Task	Jordan	Tyler	Caleb	Julien
Begin coding the data collection and analysis software	**25%**	**25%**	**25%**	**25%**
Perform initial live testing at the Brevard Zoo	**25%**	**25%**	**25%**	**25%**

4.1 Progress Goal Discussion

Begin coding the data collection and analysis software:

The whole team will participate in some form in the development of the data collection and analysis software for the project. The software should collect test results (to be detailed by the client) and export the data to a portable file that can be procured from the system.

Perform initial live testing at the Brevard Zoo:

Once the data collection and analysis software is complete, the team, along with the client, will perform the first live testing with the non-human primate subjects at the Brevard Zoo. Based on the results of the initial tests, the team will make final adjustments and modification to the first version of the whole system. The final version of the system will then be presented to the client and submitted for approval.

4.2 Sponsor Remarks:

Sponsor Signature: _____ Date: _____

Jordan Alvarez	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Caleb Benedick	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Tyler Korte	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
Julien Pinelli	0	1	2	3	4	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10

Sponsor Signature: _____ Date: _____