499-StatusReport-W06.md 2024-06-02

Name: Marcel Pratikto

Project Title: Al Gamer

Team Members:

1. Marcel Pratikto

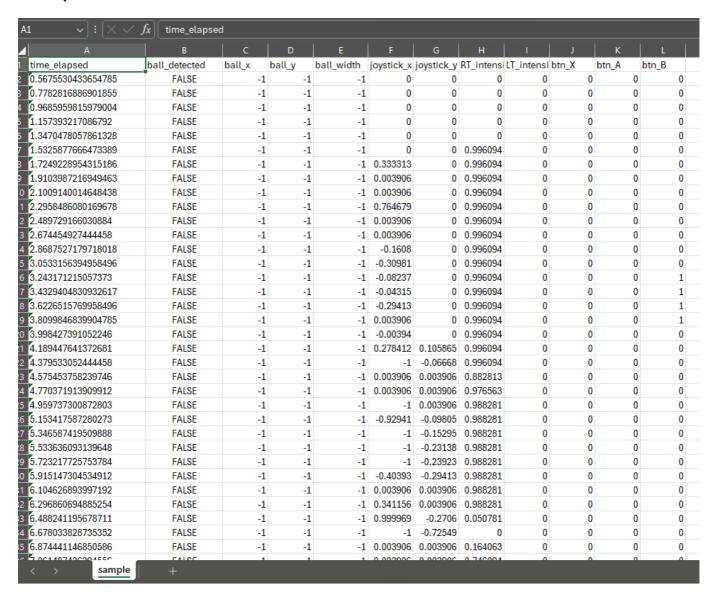
Overall Status: Progress 40%

Number of hours worked since last update: 9

Number of hours worked on the project thus far: 63

Total number of hours anticipated for completion: 130

Accomplishments:



• I was able to implement a way to record my movements when I play Rocket League. This consisted of figuring out how to read an xbox controller input, then writing it into a csv file whilst running my program, and the game Rocket League.

Challenges:

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• I still need to figure out if I can add other input data to the ML. So far, I'm only using:

- 1. time_elapsed: How many seconds have passed in the game
- 2. ball detected: If a ball is detected or not
- 3. ball x: x position of the ball on the screen (if it's detected)
- 4. ball_y: y position of the ball on the screen (if it's detected)
- 5. ball_widt: width of the ball on the screen (if it's detected)
- The issue with the point above is that only time_elapsed in consistent. Everything else there is dependent on if my program can detect a ball, which it doesn't most of the time.
- I have to stop the program and re-record after every goal made in order to have more consistent time_elapsed data.

Plans / Goals for next week:

- 1. Continue recording my gameplays into the csv file.
- 2. Start figuring out how to create and train a Multi-Output Regressor Machine Learning model.

Accountability plan: (What is your plan to keep yourself honest and follow through with the goals that you have outlined?)

I will have my roommate make sure that I work on this at least 2 hours per day when I am not busy working on my other classes

Other comments:

N/A