EE/CprE/SE 491 Status Report 8

Apr 25, 2025 12:00 AM-May 2, 2025

Group number: 49

Project title: Slowpitch softball device

Client/Advisor: Nicholas Fila

Team Members/Role:

Cael Schreier: Bookkeeper and Code Review

Andrew Kinneer: Lead System Designer

Kyle Nachiengane: Lead Testing Engineer

Sam Skaar: Coordination and Documentation Lead

Kolby Moorman: Lead Frontend Developer

o **Weekly Summary**

o **Past week's accomplishments**
- Andrew Kinneer: Refined pitch tracking based on outdoor testing. Did on-field testing and went to a recreational softball game to see how our app compares to an umpire's calls. It seems that generally, players and the umpire thought the pitches were lower than they were.

- Kyle Nachiengane: Worked on design doc and did field testing with teammates.

- Cael Schreier: Final calibration updates (language for text boxes and updating hotzones), adding some "presets" for our advanced calibration mode, field testing, and working on final documents.

- Kolby Moorman: This week I had to do a revamp of the stats module I had previously done in order to work with the new changes. Got that finished and pushed to main and then focused on helping team with calibration

- Sam Skaar: Besides on field testing (of which there was plenty), I primarily focused this week on the poster for our final presentation. It's in a good state, but could have some text simplified.

o **Pending issues**
- Final Presentation and Deliverables

o **Individual contributions**

NAME	Individual Contributions	Hours this week	HOURS cumulative
Andrew Kinneer	Refined pitch tracking, on-field testing, real-game testing	10	148
Kyle Nachiengane	Worked on design doc and did field testing with teammates.	6	125
Cael Schreier	Final calibration changes and final	8	137

	deliverables		
Kolby Moorman	Updated stats screen and functionality, field testing	8	128
Sam Skaar	Poster, field testing.	15	135

- o **Plans for the upcoming week**
    - Andrew Kinneer: Update design doc and make final presentation

    - Kyle Nachiengane: Prepare for presentation and poster presentation.

    - Cael Schreier: Finish up final deliverables and give final presentation and poster session

    - Kolby Moorman: Finish up deliverables and do the presentation

    - Sam Skaar: Finish it all.

- o **Summary of weekly advisor meeting**