Week 8 Meeting Minutes

COSC426 - Chick Counting Group

November 1, 2025

Monday 10/27

On Monday, our team primarily discussed the next steps for Sprint 3 and refined our short-term deliverables. A major point of focus was Anye's progress with his bounding box validation approach, which has shown strong potential in improving the accuracy of our detection pipeline. Logan also shared insights into his walk-forward validation pipeline, emphasizing its role in ensuring consistent model performance over time. We collectively agreed to continue developing our individual approaches in parallel, with the goal of determining which methods demonstrate the highest efficiency and reliability for integration.

Tuesday 10/28

During our client meeting with Dr. Peter Wang, Logan, Anye, and JJ each presented their progress and preliminary findings from their respective independent approaches. The discussion centered around how these methods could be integrated into our existing YOLO-based model. By the end of the meeting, we decided that each of us would incorporate our approach into the live YOLO framework, enabling a unified demonstration in the upcoming week. This integration will allow us to assess comparative performance, identify bottlenecks, and align on a focused strategy moving forward.

Wednesday 10/29

On Wednesday, the team did not report any significant barriers or new updates, allowing us to maintain steady progress on our individual tasks. A brief discussion was held regarding the current state of our dataset, particularly what portions still required labeling and how this would affect our pipeline's training and validation stages. We also brainstormed strategies for efficiently incorporating the newly labeled data into our future iterations. Afterward, each member continued to refine and test their respective approaches to prepare for the next round of integration and evaluation.