**Meeting Notes** **Date**: 2 – 07 – 2024  
**Meeting**: Initial Client Meeting

**Attendees**: Team Members, Client

**Discussion Points**:

1. **Project Goals**:
   * Analyze video data to detect birds.
   * Identify house finches within the detected birds.
   * Additionally, if time permits, distinguish between healthy and unhealthy house finches.
2. **Data Collection**:
   * Clients provided video data captured by motion-activated bird feeder cameras.
   * Specific product: [Birdfy Feeder AI & Lite Version: The Smart Camera Bird Feeder](https://www.birdfy.com/products/birdfy-feeder)
3. **Output Requirements**:
   * Develop a program to analyze videos and generate an Excel report.
   * Report should include:
     + Link to the original video.
     + Camera ID.
     + Date and time of recording.
     + Program's decision on bird presence.
     + Confidence level of bird detection.
     + Identification of house finches.
     + Confidence level of finch identification.
4. **Useful Sources**:
   * Clients suggested utilizing two bird identification databases:
     + [Merlin Bird ID](https://merlin.allaboutbirds.org/)
     + [iNaturalist](https://www.inaturalist.org/)
   * Introduced to MegaDetector, which can be adapted for video analysis:
   * [How do I get started with Megadetector? | WILDLABS](https://wildlabs.net/event/how-do-i-get-started-megadetector)

**Next Steps**:

* Review provided databases and MegaDetector for suitability.
* Develop a plan for video analysis and bird identification.
* Begin programming the analysis software.
* Scheduled a follow-up meeting on Friday (2-9) to discuss steps further, and to download the client's complete video data.

**Action Items**:

1. Research Merlin Bird ID and iNaturalist databases.
2. Investigate adaptation of MegaDetector for video analysis.
3. Start programming the analysis software.
4. Set up a follow-up meeting with the client to review progress.

**Client Provided Materials**:

* Example output sheet for reference.