Goal

☐ GOAL 1: explore the format of a sample of finished video annotations and write a program to extract frames from the video together with the bounding box to be used as correctly formatted training image for the image classification and object detection models

Finishing this goal will move my team toward training image models with new data. This goal relates to story 3.1.2.

☐ GOAL 2: start working on the final white paper our team submitted last semester, going over the comments and making some adjustments

Finishing this goal will land my team in a good position when we start to revise and add new content to our white paper later on. This goal relates to story 4.1.4.

Expected Working Timeline

Aa Name	👤 Assign	🗓 Date	≡ Property	⊘ Status
Goal 1	🖼 xinwen li	@Jan 26, 2021 → Jan 29, 2021	8 hrs	In progress
Goal 2	🖼 xinwen li	@Jan 29, 2021 → Jan 30, 2021	1 hr	Not started

I will work independently on both of the goals.

The week is ambitious and I expect it to take around 8 - 10 hours.

Report

I was able to make a lot progress on GOAL 1 with only cleaning codes left. GOAL 1 relates to story 3.1.2 on annotated video extraction. The code has been pushed (https://gitlab.oit.duke.edu/duke-mids/workingprojectrepositories/2020-2021/camera-trap-imaging/-/blob/master/video/Extract_frame_label_from_video.ipynb). I had

Good job linking relevant git commits.

updated the storyboard after receiving the feedbacks of this week's goal. The status of story 3.1.2 will remain to be in progress. It can be marked as complete until I run my code successfully on all annotated videos. Finishing this goal will let

Good job keeping the storyboard updated.

my team have more image data to feed into current image models which will contribute to finish on Theme 2:Image Classification and Object Detection.

I was very engaged in process of completing GOAL 1 and my teammates, especially JY had provided me very helpful informations on the desired json file format. However, GOAL 1 took longer than expected. I neglected estimating the time to communicate with my teammates when I wrote my goals and also underestimate the time to code. I ended up spend quite amount of time google methods to work with json files and video files. The actual working timeline for GOAL 1 is listed below:

Actual Working Timeline   This table is very straightforward and informative.

Aa Name	Date	Property	Status	# Time (hr)
Explore files	@Jan 26, 2021	download small sets of related source files from onedrive and explore the format	Completed	0.5
Team meeting	@Jan 27, 2021	discuss with teammates of a rough idea on the expected format of frame extraction	Completed	1.5
Coding	@Jan 28, 2021	code on extract correct frame numbers, and create corresponding json files	Completed	7
Coding	@Jan 29, 2021	revise codes on the part of creating json files	Completed	3
Clean codes	@Jan 30, 2021	Next week's goal	In progress	

For next week's goal, I will make sure to count in the hours for communication. Since I am still working on GOAL 1, I did not allocate enough time to start on GOAL 2. Not finishing GOAL 2 will not be an urgent issue at this moment for my team and I will reallocate my time for GOAL 2 in the next few weeks.

Generally very clear! For goals that are incomplete, please provide new time estimates and discuss any potential impact they'd have on the pacing of the entire project.