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From: Coyote2

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Summary

- Team Coyote2 had a meeting with ph.D Mia and Team Coyote1.
- Team Coyote2 did experiments again and trained models using image, audio dataset.
- Team Coyote2 wrote the paper.
- Team Coyote2 connected the microphone on Raspberry Pi and combined the code with the network team.
- Team Coyote2 made presentation documents.

What Coyote2 completed this week

- Team Coyote2 met with ph.D. Mia and team Coyote1 about our progress, model setting and next weekly plan.
- Team Coyote2 experimented with various models using feature extraction and made a table and figures for the comparison again by changing batch size and the evaluation method.
- Team Coyote2 wrote the paper about the result by the tables and figures.
- Team Coyote2 completed setting up a microphone to the local computer and Raspberry Pi and combined the code with the network team.
- Team Coyote2 made presentation documents (scripts, powerpoint) for the final presentation.

Things to do by next week

- Complete preparation presentation and script of the final project.
- Finish writing and revising the paper.
- Explain the code and Readme file to upload it to Github.

Problems or challenges

- Team Coyote2 tried to make a perfect experiment environment therefore changed model settings such as batch size and options.
- Team Coyote2 faced a huge problem with the evaluation method that was not suitable for the classification problem.
- Due to the microphone performance issue, the model could not detect coyote howling sound well.

References