
BATALOG

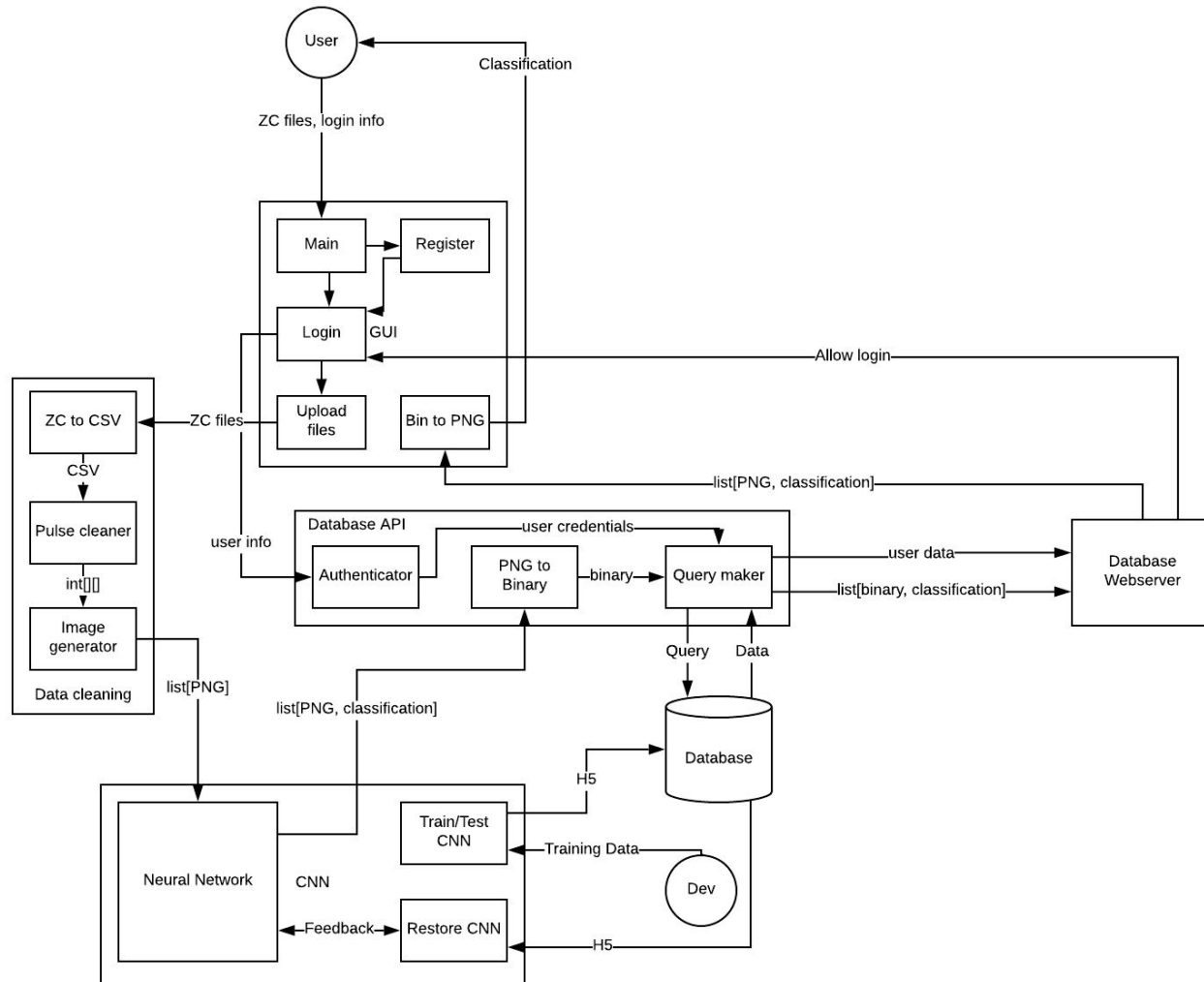
Progress Report #2.2

Group Members:

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Thien L. (t_le)



Overall System Model



localhost8000/register/

Registration

Username: Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

First name:

Last name:

Email:

Password:

Your password can't be too similar to your other personal information.

Your password must contain at least 8 characters.

Your password can't be a commonly used password.

Your password can't be entirely numeric.

Password confirmation: Enter the same password as before, for verification.

Submit

Reset Field

Cancel

Welcome

you can log in here!

Login

Username:

Password:

Login

Registration & User database

DB Browser for SQLite - D:\code\django\project\db.sqlite3

File Edit View Tools Help

New Database

Open Database

Write Changes

Revert Changes

Open Project

Save Project

Attach Database

Close Database

Database Structure

Browse Data

Edit Pragma

Execute SQL

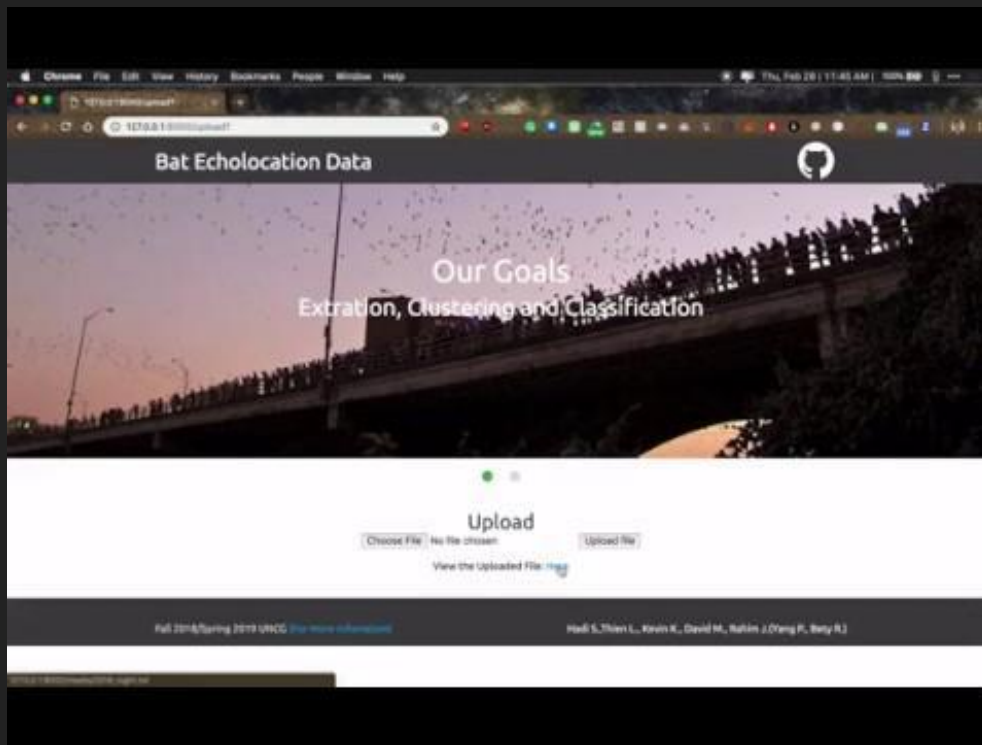
Table: auth_user

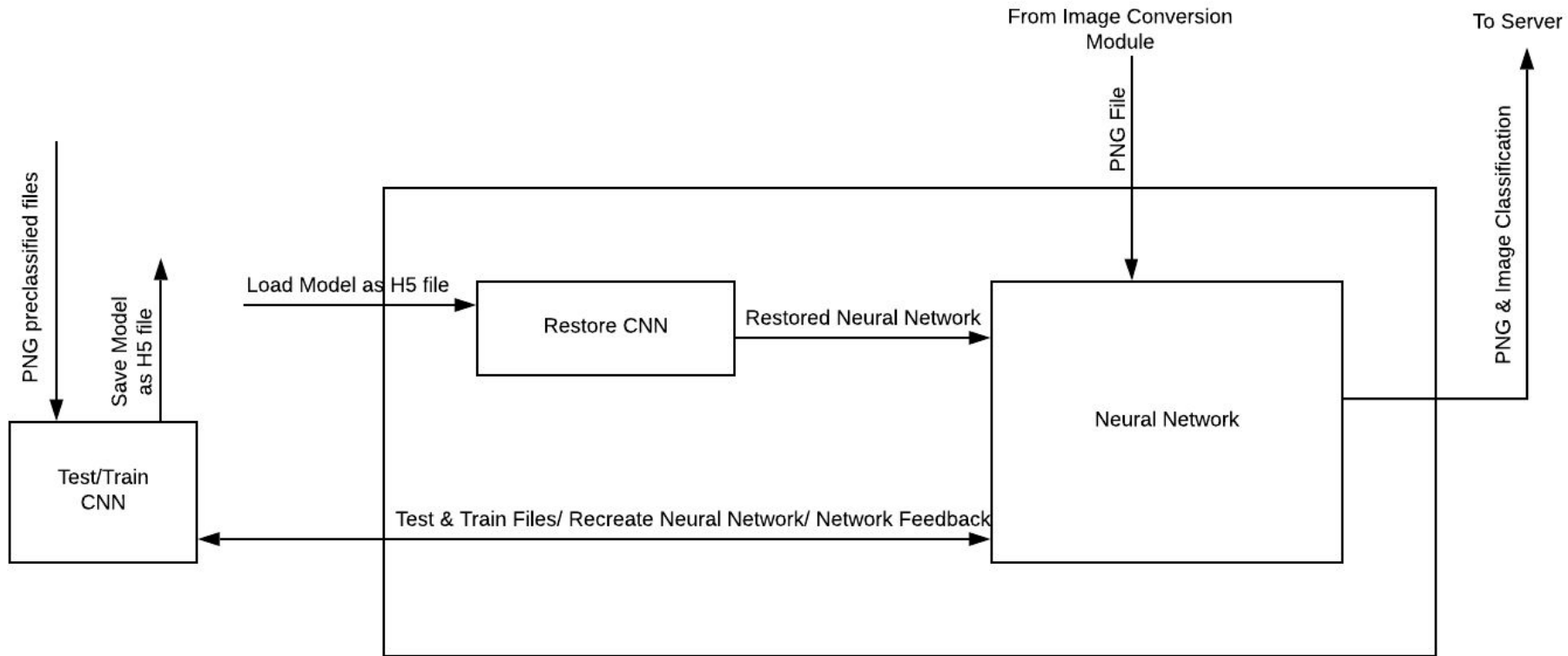
New Record

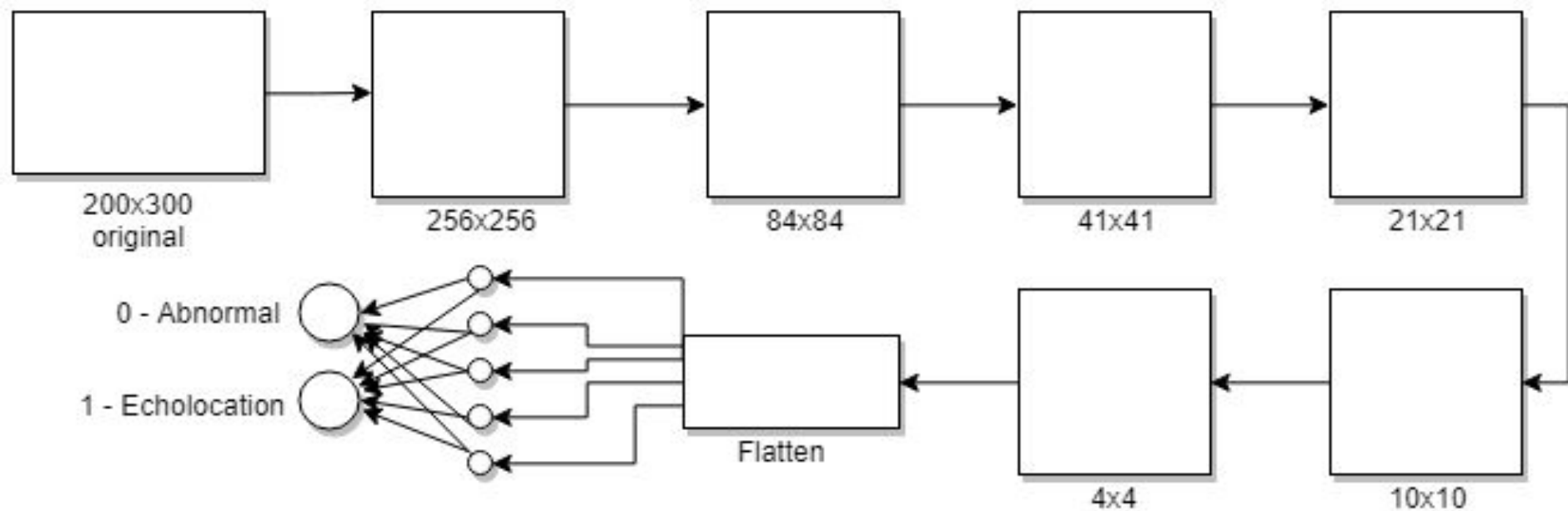
Delete Record

	id	password	last_login	is_superuser	username	first_name	email	is_staff	
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
1	11	pbkdf2_sha25...	NULL	0	j_smith	John	johnsmith@g...	0	1
2	12	pbkdf2_sha25...	NULL	0	s_jason	Sam	jason@yahoo....	0	1

Zero-crossing file analysis





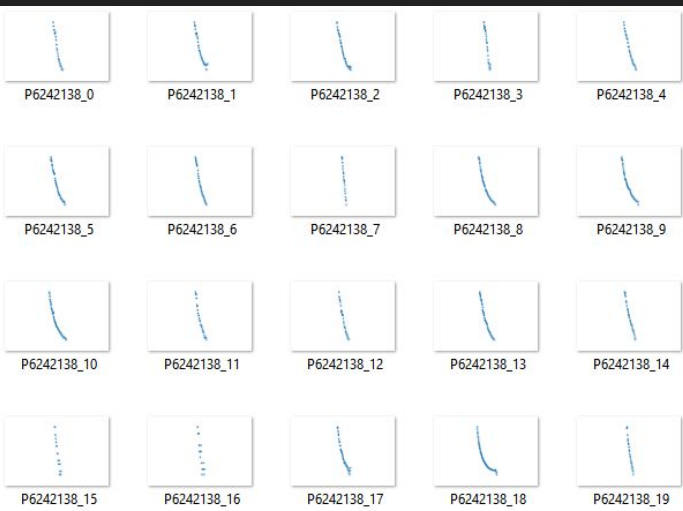


- Preliminary models showed high accuracy but bad predictions
- Researched information about other models
- Decided to make the convolutional and pooling layers by hand using their math formulas
- Resulting model showed higher accuracy with greatly improved predictions.
- Continued to test other image augmentations and setting changes to acquire better results

CNN

Manual Data Classification

Echolocation

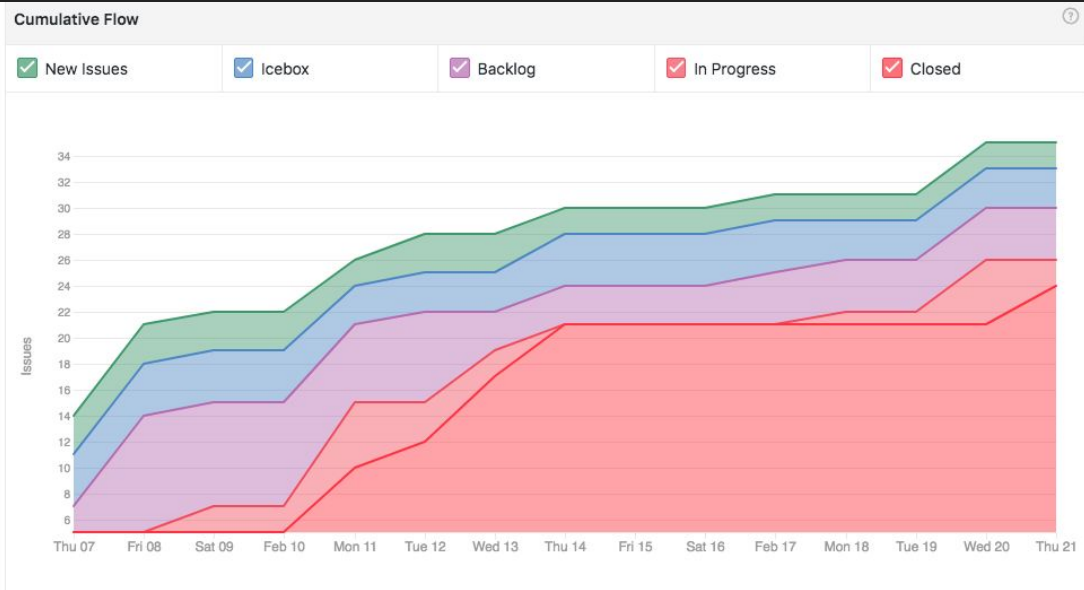


	files	classification
0	../Bat_Echolocation_2019/data/pulses/56110632....	echolocation
1	../Bat_Echolocation_2019/data/pulses/56110632....	echolocation
2	../Bat_Echolocation_2019/data/pulses/56110632....	echolocation
3	../Bat_Echolocation_2019/data/pulses/56110632....	echolocation
4	../Bat_Echolocation_2019/data/pulses/56110632....	echolocation

Abnormal



Scrum Sprint 4



New Issues

- Bat_Echolocation_2019 #10 Implement CNN for image classification
Filter by Epic Issues
- 10 Epic help wanted
- Bat_Echolocation_2019 #11 Develop Batalog web application
Filter by Epic Issues
- Epic

Icebox

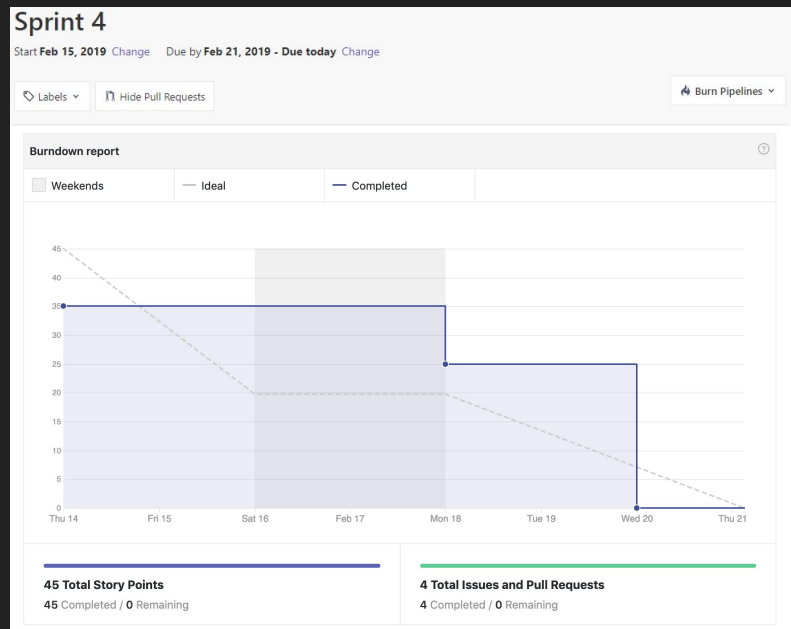
- Bat_Echolocation_2019 #4 Diagram CNN implementation
Implement CNN for image clas...
6
- Bat_Echolocation_2019 #13 Develop CNN model
Implement CNN for image clas...
2
- Bat_Echolocation_2019 #29 Progress Report Presentation
3
Filter by Epic Issues
- 40 Epic help wanted

Backlog

- Bat_Echolocation_2019 #5 Research CNN
Implement CNN for image clas...
5
- Bat_Echolocation_2019 #14 Explore Potential Libraries for Web Development
2
- Bat_Echolocation_2019 #18 Overall operation - System Model
- Bat_Echolocation_2019 #31 File Analysis GUI - Intro
Sprint 4

In Progress

- Bat_Echolocation_2019 #33 Manually classify 50,000 echolocation samples
Implement CNN for image cla...
Filter by Epic Issues
- 30 Epic
- Bat_Echolocation_2019 #35 Classify 25,000 observation - 2
Manually classify 50,000 echo...
15 Epic help wanted



Scrum Sprint 5

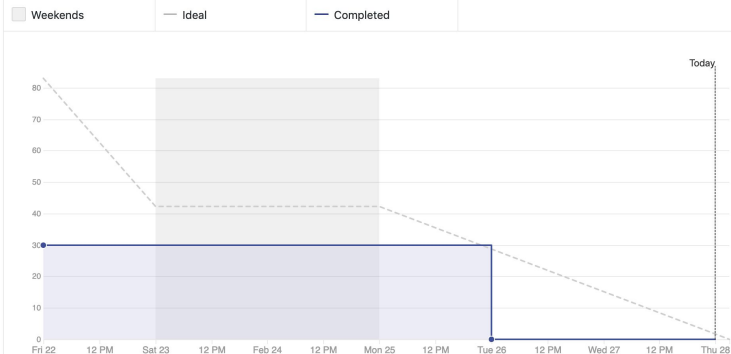
Sprint 5

Start Feb 22, 2019 [Change](#) Due by Feb 28, 2019 - Due today [Change](#)

[Labels](#) [Hide Pull Requests](#)

[New Issues, Iceb...](#)

Burndown report



83 Total Story Points

83 Completed / 0 Remaining

4 Total Issues and Pull Requests

4 Completed / 0 Remaining

Remaining Issues and Pull Requests

Story points

[File Analysis GUI - Intro](#) [Bat_Echolocation_2019 #31](#) [Backlog](#) [Sprint 5](#) [8](#)

Completed Issues and Pull Requests

Story points

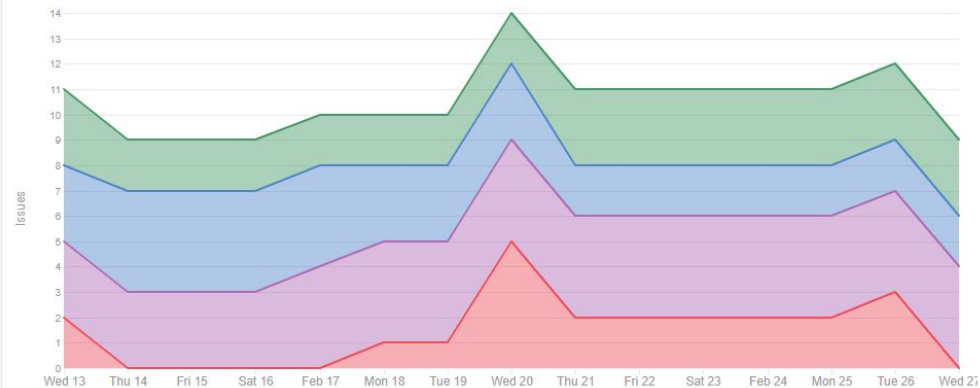
[Manually classify 50,000 echolocation samples](#) [Epic](#) [Bat_Echolocation_2019 #33](#) [Closed](#) [Sprint 5](#) [30](#)

[Classify 25,000 observations - 2](#) [Epic](#) [help wanted](#) [Bat_Echolocation_2019 #35](#) [Closed](#) [Sprint 5](#) [15](#)

[Update classification code](#) [help wanted](#) [Bat_Echolocation_2019 #36](#) [Closed](#) [Sprint 5](#) [30](#)

Cumulative Flow

☒ New Issues ☒ Icebox ☒ Backlog ☒ In Progress ☐ Closed



Thank you!



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