

# BOGART ASTHMA TRACKER

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## SUMMARY

Web app to track feline asthma attacks and daily medication use. Includes interactive data visualization and limited analysis.

# PLANNING + DESIGN

## MVP

- Date + Time Non-Editable
- Basic Login/Registration
- Log Attack
- AJAX NEW (Hill)
- Data Viz (TBD Lib) NEW (Hill) (non-interactive)

## STRETCH

- Mobile First
- Interactive Data Viz
- Deployed to AWS
- Add Medication
- Log Medication

## FUTURE

- USER/HOUSEHOLD MANAGEMENT
- Multi-Animal
- Add Custom Durations
- Add Custom Severity
- Primary Household User Privileges
- Guest Household User Privileges
- Add Callouts

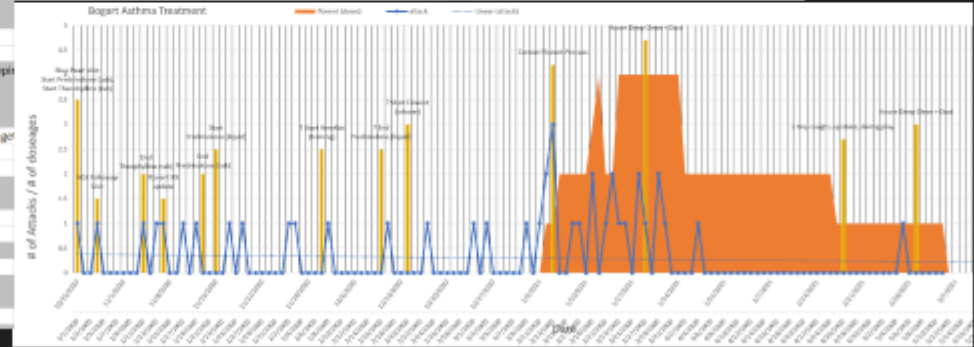
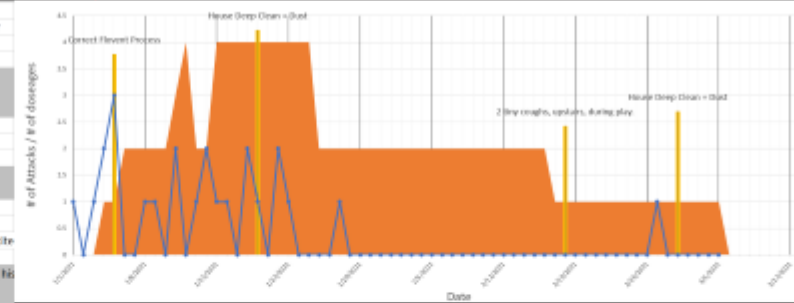


9 attacks in Nov  
5 attacks in Dec  
21 attacks in Jan (so far)

attack	1 min, extremely Small wake up zoomies upstairs sleeping on couch
flowvent	14-15 breaths, 2 dose
attack	1-2 min, very light laying upstairs on the couch
flowvent	13-15 breaths, 2 doses
attack	very light playing upstairs with Nala just after getting up
flowvent	13-15 breaths, 2 doses

SEVERITY WHY + WHERE (PATTERNS)

1/14/2021	12:14:00 AM	attack	3-4 min, light co-laying on master bed
1/14/2021	4:38:00 AM	attack	1-2 min, light co-laying on master bed and comforter
1/14/2021	8:05:00 AM	flowvent	8-10 breaths, 2 dose
1/14/2021	8:08:00 PM	flowvent	10-14 breaths, 2 dose
1/15/2021	8:30:00 AM	flowvent	10-14 breaths, 2 dose
1/15/2021	4:40:00 PM	attack	3-4 min, light co-downstairs in kitchen
1/15/2021	9:10:00 PM	flowvent	10-14 breaths, 2 dose
1/16/2021	12:30:00 AM	attack	3-4 min, light co-on floor of bedroom
1/16/2021	8:00:00 AM	flowvent	~10 breaths, 2 dose
1/16/2021	6:58:00 PM	flowvent	12-14 breaths, 2dose
1/17/2021	8:25:00 AM	flowvent	12-15 breaths, 2 dose
1/17/2021	8:17:00 PM	flowvent	12-15 breaths, 2 dose
1/18/2021	1:24:00 AM	attack	4 min, light cou-laying at foot of bed
1/18/2021	8:05:00 AM	flowvent	13-15 breaths, 2 doses
1/18/2021	4:16:00 PM	attack	4 min, light coug downstairs just as we got home. excite
1/18/2021	9:10:00 PM	flowvent	12-13 breaths, 2 dose
1/19/2021	7:26:00 AM	attack	4 min, light coug just after waking up, and scratching his
1/19/2021	8:09:00 AM	flowvent	13-15 breaths, 2 dose
1/19/2021	5:00:00 PM	deep cleaning	heavy vacuum + air purifier
1/19/2021	7:03:00 PM	flowvent	13-16 breaths, 2doses
1/20/2021	8:02:00 AM	flowvent	13-15 breaths, 2dose
1/20/2021	7:00:00 PM	flowvent	13-15 breaths, 2 dose
1/21/2021	7:26:00 AM	attack	1 min, extremely Small wake up zoomies upstairs sleeping
1/21/2021	7:57:00 AM	flowvent	14-15 breaths, 2 dose
1/21/2021	4:35:00 PM	attack	1-2 min, very light laying upstairs on the couch
1/21/2021	7:15:00 PM	flowvent	13-15 breaths, 2 doses
1/22/2021	6:48:00 AM	attack	1 min, very light playing upstairs with Nala just after get
1/22/2021	7:28:00 AM	flowvent	13-15 breaths, 2 doses
1/22/2021	7:18:00 PM	flowvent	13-15 breaths, 2 doses
1/23/2021	8:15:00 AM	flowvent	14-16 breaths, 2 dose
1/23/2021	7:35:00 PM	flowvent	12-15 breaths, 2dose
1/24/2021	9:28:00 AM	flowvent	13-15 breaths, 2 dose
1/24/2021	8:39:00 PM	flowvent	13-15 breaths, 2 doses
1/25/2021	7:51:00 AM	flowvent	13-15 breaths, 2 doses
1/26/2021	8:06:00 AM	flowvent	13-15 breaths, 2 doses
1/27/2021	8:09:00 AM	flowvent	13-15 breaths, 2 doses
1/27/2021	11:35:00 AM	attack	1 min, very light downstairs in entry way
1/28/2021	8:11:00 AM	flowvent	13-15 breaths, 2 doses



# WIREFRAMES

## MVP

LOGIN

①

DATA VIEW

NEW ENTRY

BOGART

ASTHMA TRACKER

LOGIN

REGISTER

DATA VIEW

②

DATA VIEW

NEW ENTRY

DATA

4 RESULTS  
MIN 100  
MAX 100  
LAST DATE  
LAST DOSE

2020  
TIMEFRAME  
2021

2021

2020

2021

2020

LOG ATTACK

③ ④

DATA VIEW

NEW ENTRY

ATTACK

MEDICATION

CALLOUT

LOG ATTACK

DISEASE: ASTHMA  
TIME: 09:30 AM

REPORT → DURATION

STOP

START

10-10-10

10-10-10

REPORT → SEVERITY

SEVERE

LOW

MEDIUM

HIGH

CRITICAL

REPORT → PATTERNS

LOG IT

DATA VIEW

NEW ENTRY

ATTACK

MEDICATION

CALLOUT

LOG ATTACK

DISEASE: ASTHMA  
TIME: 09:30 AM

LOG ATTACK  
SUCCESSFUL  
#32360

## STRETCH

ADD MEDICATION

⑤

⑥

DATA VIEW

NEW ENTRY

ATTACK

MEDICATION

CALLOUT

LOG MEDICATION

DISEASE: ASTHMA  
TIME: 09:30 AM

MEDICATION

DOSEAGE

LOG IT

DATA VIEW

NEW ENTRY

ATTACK

MEDICATION

CALLOUT

ADD MEDICATION

DISEASE: ASTHMA  
TIME: 09:30 AM

NAME:

NICKNAME:

AGE:

MAX DOSE:

TOTAL DOSE:

FOR ANIMAL:

ADD MEDICATION

⑦

DATA VIEW

NEW ENTRY

ATTACK

MEDICATION

CALLOUT

LOG MEDICATION

DISEASE: ASTHMA  
TIME: 09:30 AM

MEDICATION

DOSEAGE

LOG IT

⑧

DATA VIEW

NEW ENTRY

ATTACK

MEDICATION

CALLOUT

LOG MEDICATION

DISEASE: ASTHMA  
TIME: 09:30 AM

MEDICATION

DOSEAGE

LOG IT

LOG MEDICATION

⑨

DATA VIEW

NEW ENTRY

ATTACK

MEDICATION

CALLOUT

LOG MEDICATION

DISEASE: ASTHMA  
TIME: 09:30 AM

LOG MEDICATION  
SUCCESSFUL  
#32360

ADD CALLOUT

⑩

⑪

DATA VIEW

NEW ENTRY

ATTACK

MEDICATION

CALLOUT

LOG CALLOUT

DISEASE: ASTHMA  
TIME: 09:30 AM

NOTES

LOG IT

DATA VIEW

NEW ENTRY

ATTACK

MEDICATION

CALLOUT

LOG CALLOUT

DISEASE: ASTHMA  
TIME: 09:30 AM

LOG CALLOUT  
SUCCESSFUL  
#32360

# ERD

## MVP

### USER

fname:  
lname:  
email:  
pw:  
Household:  
created\_at:  
updated\_at:

### Attack

DateTime:  
Duration:  
Severity:  
notes:  
Animal:  
created\_at:  
updated\_at:

## STRETCH (WIP)

### MEDICATION

shortName:  
longName:  
minDose:  
maxDose:  
TotalDose:  
Animal:  
created\_at:  
updated\_at:

### Animal

Name:  
Medications  
Household  
medications  
Attacks  
created\_at:  
updated\_at:

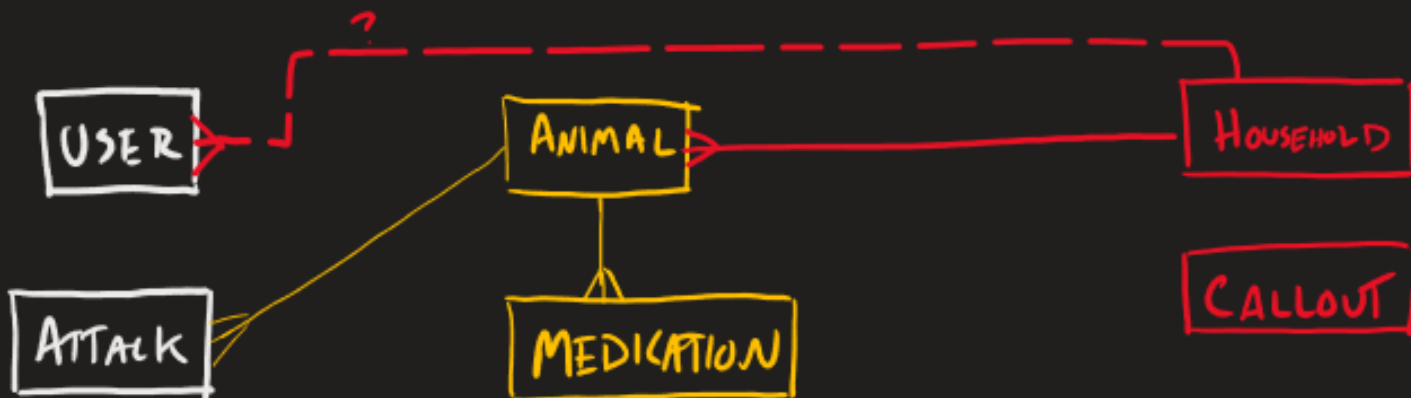
## FUTURE (WIP)

### Household

primaryOwner:  
guests:  
Animals:  
created\_at:  
updated\_at:

### CALLOUT

DateTime:  
Notes:  
created\_at:  
updated\_at:  
?? lol



relates to graph?  
who relates to callouts?  
feature of graphing lib?