



---

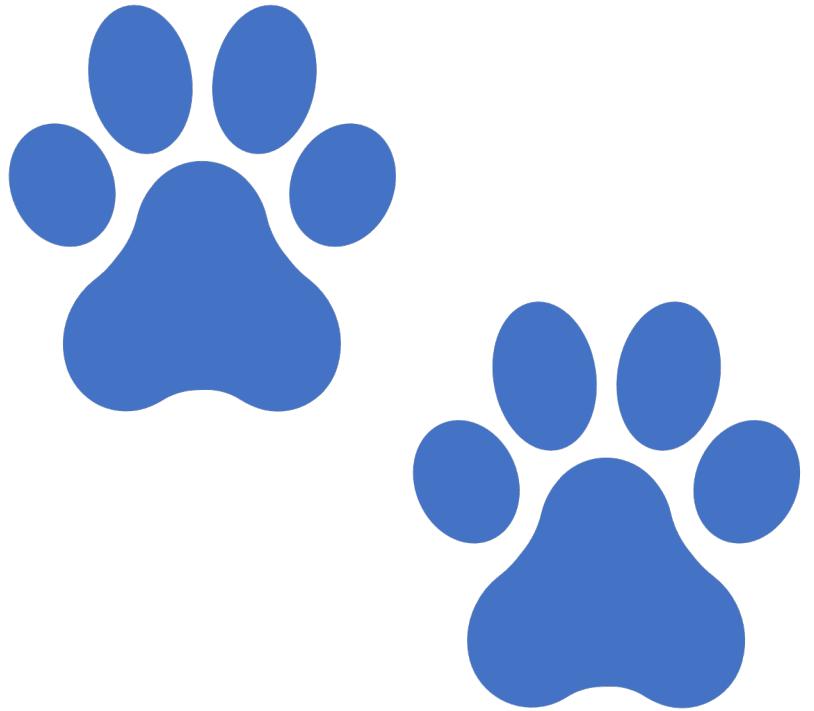
We walk the walk and bark the bark till  
your doggos say "woof I am exhausted".





# What is WOOF?





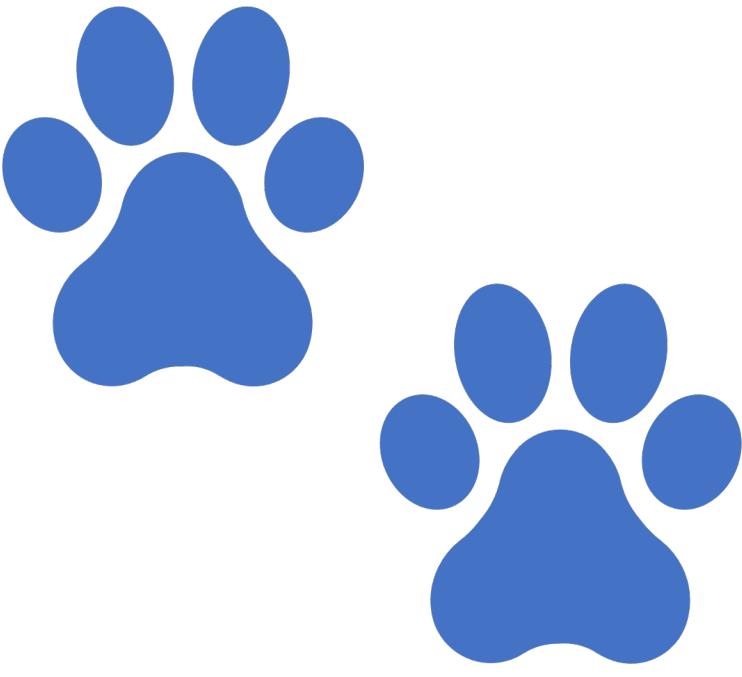
# What is Woof?

- **Woof helps walk your furry family members when you can't.**
- **Woof Connects dog owners with dog walkers who will treat your dog like family.**
- **Woof uses cutting edge technology to make pet care safe, easy and affordable.**
- **Woof allows you to connect with other dog owners and get feedback on the dog walkers.**



# Concepts





# Concepts

- Help dog owners find the right match for their dog walking needs at an affordable cost.
- Create meaningful employment for the animal loving community
- Allows owners and walkers pay/receive payments and feedback for services rendered.
- Owners are able to track their dogs when walker is taking them for a walk-through GPS



# The development of **WOOF**





# Development

React	Front end technology used for building user interfaces specifically for single-page applications.
Express	Efficient process of creating, updating and deleting database information
MongoDB	Saving service and consumer data
Node	An open source development platform for executing JavaScript code server-side.
Heroku	Technology to host our website and server
Apollo - server	It lets you run GraphQL on top of your existing APIs. It has integrations for Express, Restify, Azure, AWS, and just about every setup you can think of.
Npm	JavaScript runtime environment
PWA	It is a web-based app that allows users works offline utilizing cached data. Service workers are the most important technology allowing offline use in PWAs.
JWT	JSON Web Token is an open standard that defines a compact and self-contained way for securely transmitting information between parties as a JSON object.



# Tasks and Roles





# Tasks and Roles



## Back-End

- Samiul Choudhury, Brian Wang, Rose Francis, Shamim Imtiaz

## Front-End

- Eric Normann, Samiul Choudhury, Rose Francis, Benn Asabir, Nathan Chow, Alex Chung and Brian Wang

## Marketing

- Eric Normann
- Shamim Imtiaz

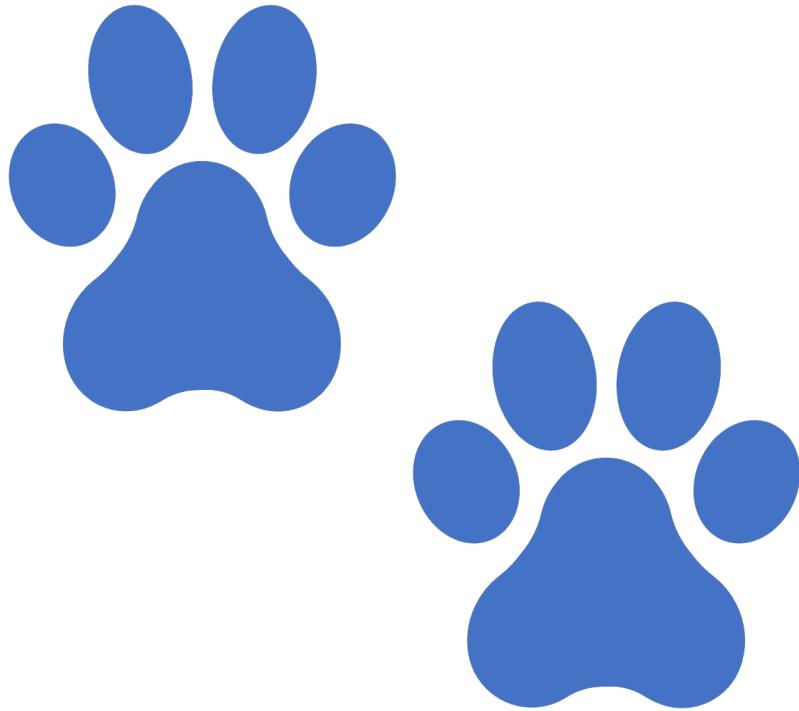


# Challenges and Success





# Challenges & Success



## Challenges

Short timeframe

Due to dependencies in testing the queries and mutations without integrating all components is substantially challenging

Continuous backend model/mutation change to incorporate with Front end design.



## Successes

Minimal merge conflict

Implemented new packages (concurrently, mapbox, jwt-decode, jsonwebtoken, stripe, graphql, react-select, react-datepicker, react-modal)

Daily standups lead to transparent and clear communication within the dev team.



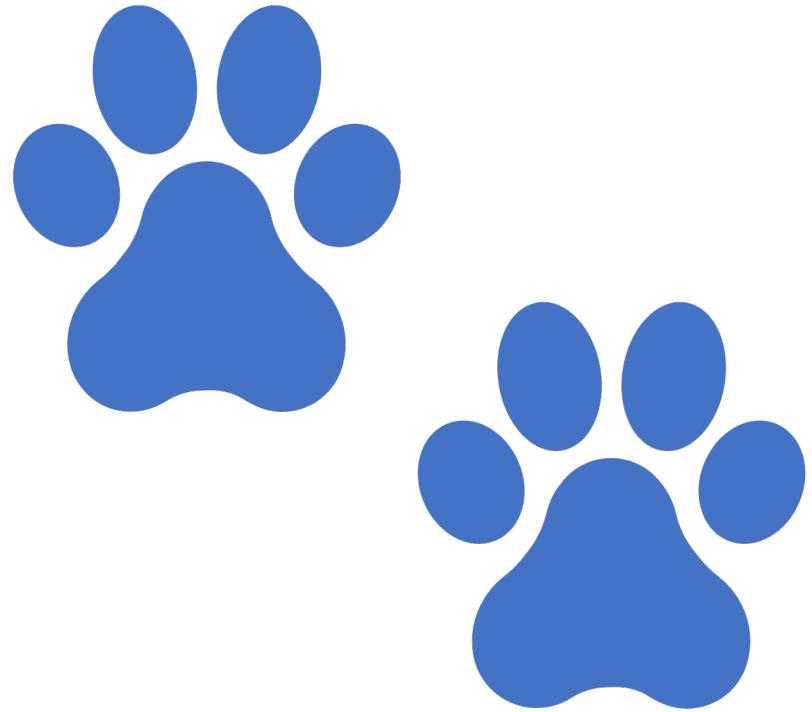
# Demo





# Future Development





# Directions for Future Development

- Ability for owners to pick favorite walkers
- Owners can purchase pet related items and have it delivered by the walkers
- Expansion into wider geographical locations

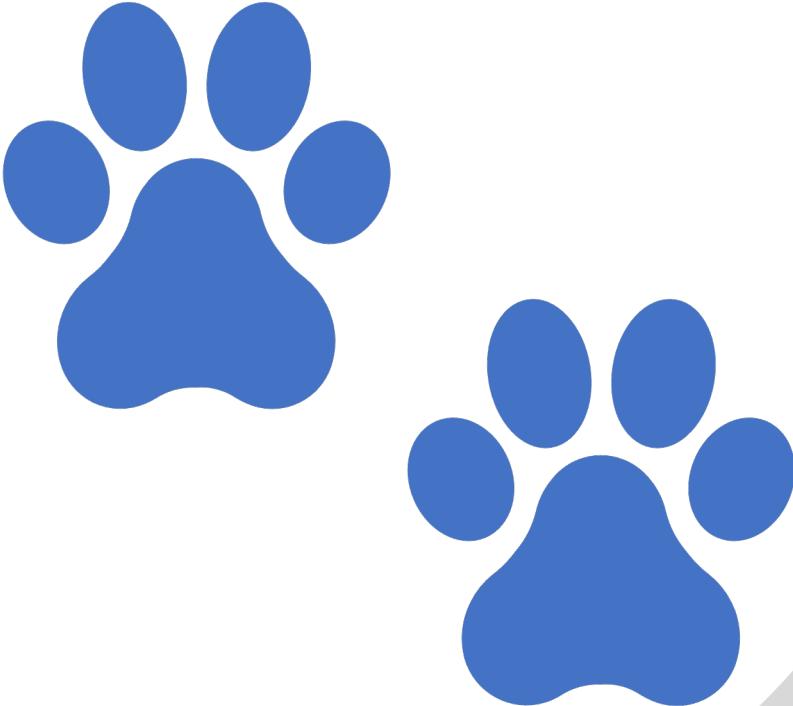


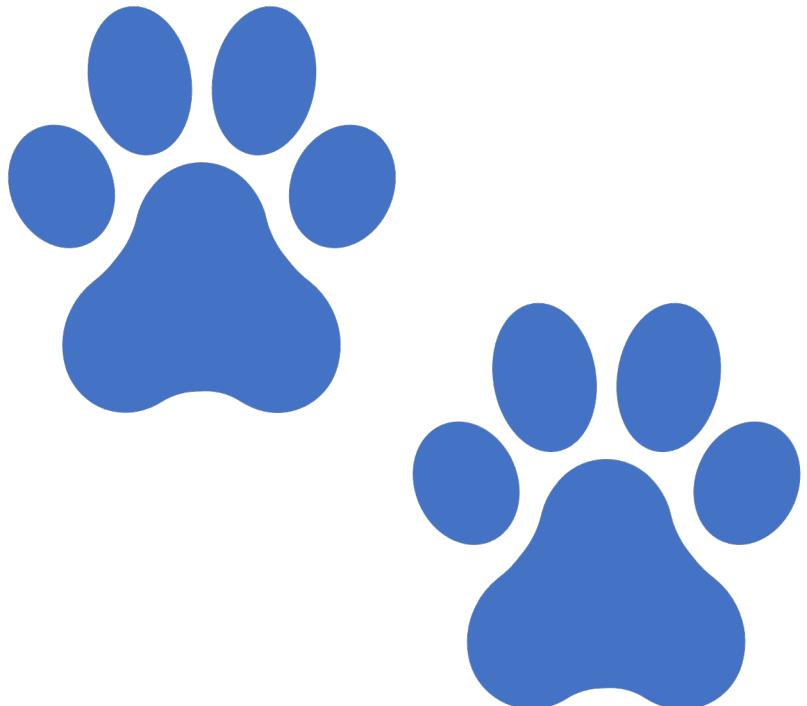
Woof

**HEROKU SITE**  
[woof-2021.herokuapp.com](https://woof-2021.herokuapp.com)

**GitHub**

[github.com/woof-board/woof.git](https://github.com/woof-board/woof.git)





# Developer links

Eric Normann

- GitHub: e-p-n

Samiul Hayder Choudhury

- GitHub: samiul1988

Benn Asabir

- GitHub: BennAsabir

Shamim Imtiaz

- GitHub: shamimimtiaz

Nathan Chow

- GitHub: nchow18

Rose Francis

- GitHub: rosefrancis-tech

Brian Wang

- GitHub: BrianCKWang

Alex Chung

- GitHub: AChung92