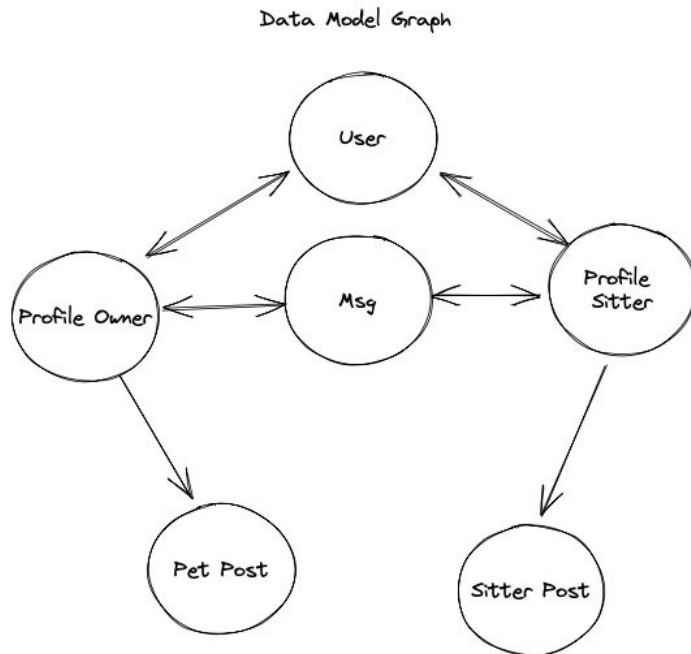# Companion Finder

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Data Model
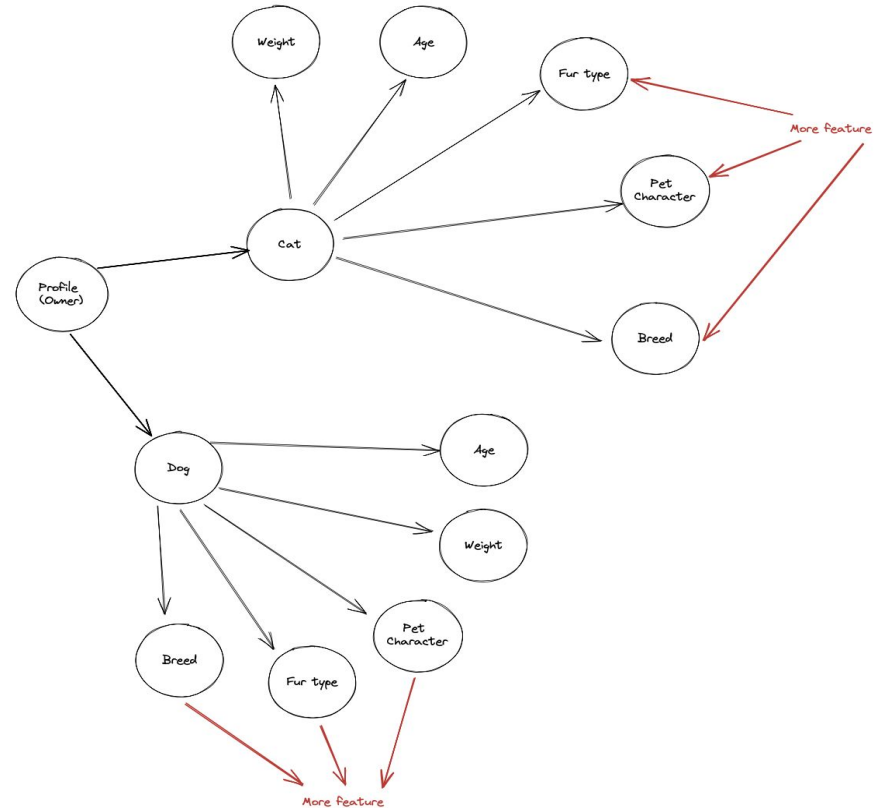
Overall Data model relationship for Companion Finder

Data Model Graph

Companion Finder: Pet Search Filter (Pet Sitter)

Goal: Specify pet characteristics for easier search.

Pet search filter uses the existing owner profile data and their pet separated into cat and dog, each type with their own attributes.
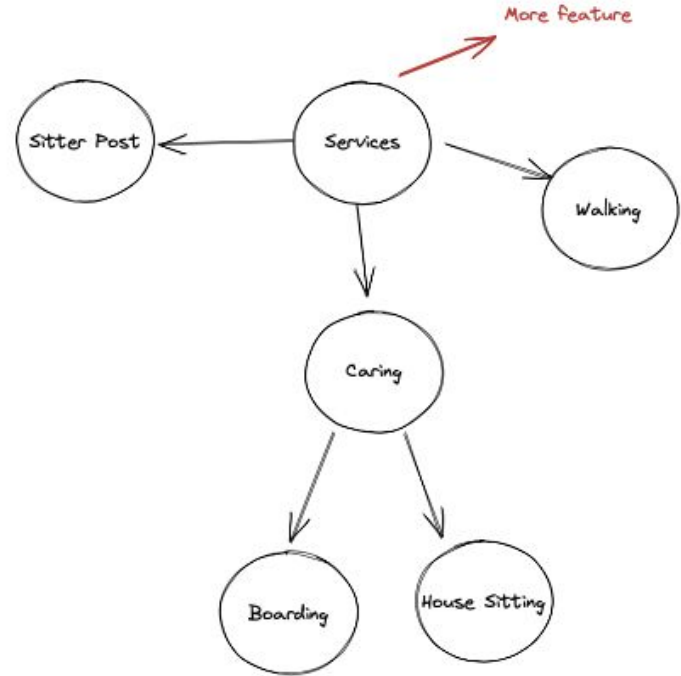
Companion Finder: Service Filter (Pet sitter)

Goal: Pet Sitter will provide their service in their post page.

The services filter will be put into sitter post page and the data will be stored in the sitter post database.
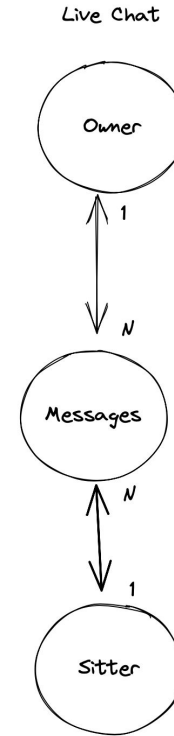
The services filter will be consisted of caring and walking. Caring will have another selection which is boarding and house sitting. The boarding happened in sitter place, while house sitting is in owner place.

Companion Finder: Live Chat

Goal: Enables both pet owner and pet sitter to communicate with each other.

Owner and sitter will have one to many relationship data structure. They can send messages to different users and it will be stored into the message database.

Live Chat

Owner

1

N

Messages

N

1

Sitter

Cont

Data Gathering:

Whole data is provided by the users

- Breed filter come from owner profile
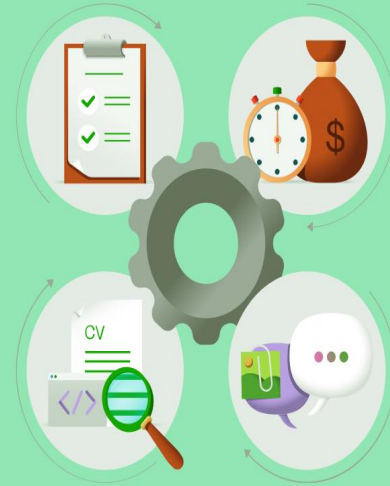- Service filter come from sitter post

Issues:

- By missing one option of the breed type, the user will not find the sitter.
- Possible pet sitter being untrustworthy
- Search too many times can cause database crash
- The user get the wrong result from the filter

Cont

Cost in terms of Dev/days:

- 3 people to create services and breed filter
- 2 weeks to create data function and UI design
- 1 for front-end, 2 for back-end

Questions