

## **Entity Descriptions**

**Animal:** Animals are the primary entity of LitterBox. They have a name, breed/type, age, gender, and general characteristics (happy, energetic, etc.). One or more Animals can go into one Listing.

**User:** A profile with a unique username and id, along with a rating generated from other user reviews. A User can author many listings. A User also has a feed.

**Listing:** A Listing contains a location as well as a date, along with one or more Animals. A Listing can only be authored by one User.

**Result item:** Result items are returned in Search Results. They are either Listings or Users.

**Search Results:** The search results page contains result items matching a certain criteria.

**Review:** A Review contains a number rating along with a comment. A rating has two users associated with it, an author and an owner. A User can own and author multiple Reviews.

**Feed:** A User has a Feed, which contains feed items.

**Feed item:** Feed items are returned in Feeds. They are either Listings or Reviews.

## **Widget Descriptions**

**Main Page:** The main page will contain a **Feed**, as well as several **Listings** on the left sidebar (pets near you, your listings, etc.)

**Find Pets:** The find pets page will contain **Search Results**.

**Profile:** The profile page will be associated with a **User**. It will also have the user's **Listings** and **Reviews**.

