

## Abstract

As a Front-End Developer for RIPL you'll be expected to be creative and on occasion be challenged with minimal resources or "napkin" drawings. While our products are well designed and tested not every single change can be fully designed because of the pace that we work at. Below is an exercise designed to highlight both your technical and creative strengths. The provided high-level spec and basic wireframes should provide enough information for you to produce a first MVP. While this would be considered an MVP, we always expect to see well documented and written code – we want this to be an example of your best work!

Once provided access to the git repo we will expect your final push of work to be within 48hours.

## Pets of RIPL

### Summary:

As a remote organization RIPL'ers get to spend a lot of time with their furry friends. Cats and dogs often make appearances in RIPL meetings. As a Science and Data orientated organization RIPL keeps a highly important census of all pets. RIPL has decided further this work and publish it in a mobile friendly, easy to use web app.

### Provided Materials:

- pets.json – this JSON file was assembled by the RIPL research team and contains all relevant information on each RIPL'ers pets.
- Images – these raw images have been provided by RIPL team members to be used in the census.
- util/optimize-image.py – a simple python scrip to optimize images. You'll need to acquire a free API key at <https://tinypng.com/developers> for use. Please use it to optimize the above images.
- As this is a RIPL branded project please use logos, branding & design inspiration from [ripl.org](http://ripl.org)

### Specifications:

- This site should provide a card for each RIPL pet. The site should never expand beyond 3 columns of cards but should shrink to a single column depending on the browser size.
- ReactJS, CSS and HTML should be the primary languages used.
- RIPL features 3 pets at time, these featured pets are noted in the JSON file.
- Filter: a filter functionality should be included to filter by either tag or owner.
- Attributes of each pet not highlighted elsewhere should be considered a tag.
- So that the page does not scroll for to long pagination should be included after nine pets. The first page will include 3 featured pets and six regular pets. All other subsequent pages will contain nine pets.

### GIT expectations:

Necessary materials are included at <https://github.com/ripl-org/ripl-pets>. This repository will be shared with your git account. Please clone the repository locally and then create a branch to push your work into. Do not push to the main branch. The readme.md of your branch should include

- Necessary instructions to compile and run the application locally for evaluation purposes.

- A summary of your work – highlight anything you're proud of or would like to specifically discuss with us when we review.

#### Wireframes:

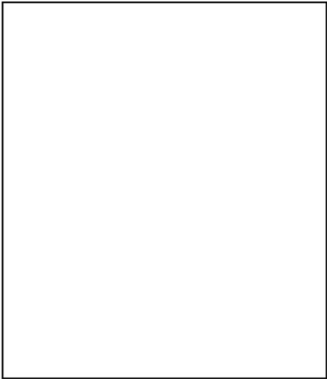
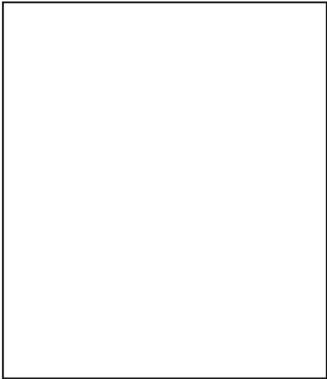
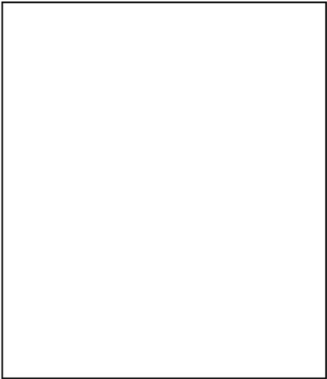
Below please find an example wireframe of the site in desktop mode, with a full 3 x 3 matrix of cards. Please also find an expanded view of what each card should include.

Page View:

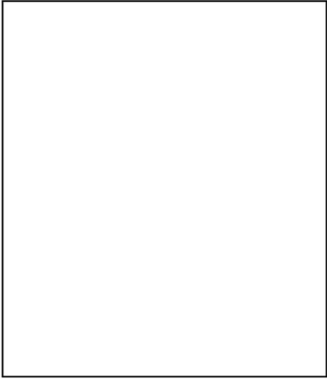
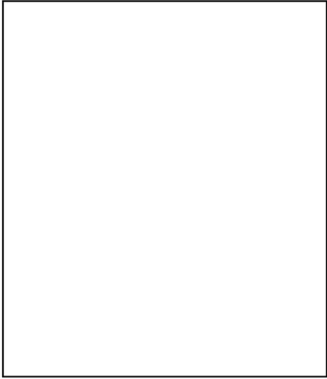
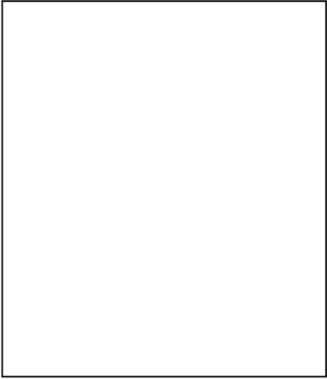
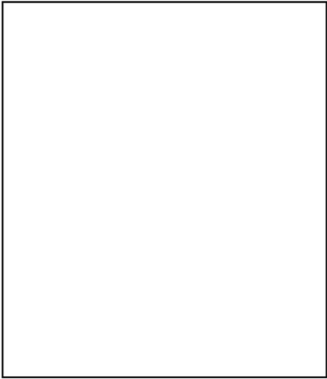
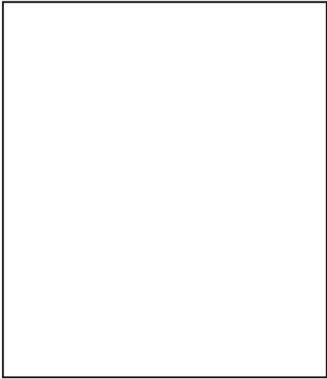
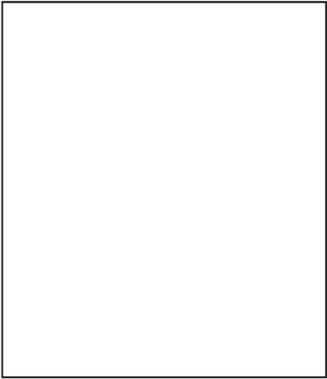
Header, w/Logo

Featured Pets

Filter



All Pets



Card View:

Picture

Name

DOB

Tag

Tag

Tag

Owner

Summary Text