

Pet Adoption Website Requirements

The product will be a website-based program that connects adoptable pets with potential owners.

Definitions

- *Product* and *software* refer to the website and any underlying software that runs on the website.
- *Client* refers to the individual or group purchasing this software.
- A *provider* is an adoption center, veterinarian, state employee, or other user authorized to offer a pet for adoption.
- A *pet owner* is any person that has adopted a pet from a participating provider.
- A *visitor* is any person browsing the site.
- A *provider profile* refers to the unique web page on which a provider's information and pets available for adoption are displayed.
- A *pet profile* refers to a unique web page on which an individual pet's information is displayed.

Requirements

1. Software environment and hardware requirements

- a. The software will need to run on the following web browsers: Internet Explorer, Safari, Firefox, and Chrome. It will be able to run on Windows os and mac os
- b. We will need about 85 MB of disk space, since we will have lots of videos/ pictures of our pets
- c. The software will be tested to run and display correctly on mobile devices includes apple and android devices.
- d. We will store our pet information using mysql
- e. Usage of the site will require an internet connection.

2. Data Input and Pet Inventory Management

- a. Providers will be able to import existing database information of their adoptable pets via a spreadsheet form file or a comma-separated value [CSV] file in a given format.
- b. For the initial group of participating providers, our group will perform the database import. The providers will provide us with a spreadsheet of their adoptable pet inventory.
- c. The software will provide a method for providers to individually add adoptable animals based on breed and characteristics.
- d. The software will allow the shelters to easily update the status of the animals.

3. Visitor Experience

- a. **Locating and viewing animals**

- i. The user interface will include a search engine for visitors to the site to search for animals.
- ii. The search engine will have advanced search options for specifying characteristics including type, breed (if applicable), location radius, animal age range, etc.
- iii. Users will also be able to browse animals by provider location. For example, a user could select a provider from a drop-down menu for locations, and they will be greeted by thumbnails and summary information about the animals that provider currently has available for adoption.
- iv. Pets will have individually viewable profiles accessed via the search or browsing thumbnail summaries.

b. Visitor experience: Adopting an animal

- i. An animal is adopted in the usual manner at a provider location. After a provider completes their usual adoption process, the software will provide a process to easily transfer custody of the pet's profile from the provider's account to the owner's account.
- ii. Owners will be able to view and manage aspects of the pet profiles for which they are the owner for as long as they are the owner.

c. Frequently Asked Questions (FAQs) on the Proper Care of Pets

- i. The FAQ will provide information on caring for the types of pets that providers put up for adoption.

4. Accounts

- a. Anyone can make an account on the website.
- b. There are four account types.
 - i. Public user: These are pet owners, or potential pet owners. Typical access is to view information or to control the pet profiles that are linked to their account (that is, pets they own).
 - ii. Provider: This is the overarching account (profile) for a provider. It is created by the initial Pet Provider Administrator at registration. The process to register a provider account will require registration with any appropriate agencies at the state or local level. Upon creation, the provider's name and location will be added to available search and browsing locations, and the registering person becomes a Pet Provider Administrator for that provider.
 - iii. Pet Provider Administrator (PPA): This is the administrator account for a provider. The administrator will have access to all pet inventory management of their location, may appoint other PPAs and Pet Provider Employees, controls visibility of the provider's profile, and may input

identifying information (location, photo[s], hours of operation), etc. for the provider.

- iv. Pet Provider Employee: This is the account of an employee or volunteer for any provider. Typical access will be the ability to add new pet profiles and change the status of or information on a pet's profile.
- c. The specific shelters from which a pet is adopted is responsible for linking the adopted animal with the new owner's account. The process to do so will be provided by the software, which will generate a validation code to be e-mailed to the new pet owner. The new pet owner will use the validation code to claim a pet's profile, which will transfer control of the pet's profile to the owner.
- d. Should a pet owner return an animal to a provider for re-adoption, or should an animal with an existing profile come into a provider's possession for adoption through other means (e.g. rescue), the software will provide a method to automatically transfer control of a pet's existing profile to the provider from the prior owner.

5. Donations

- a. The software will provide a method for visitors to donate directly to a specific shelter. Management of the donation service will fall under a Pet Provider Administrator account.
- b. Money transfers need to stay in the domain of the site.

6. Pet Medical Records

- a. Pre-existing medical records from shelters (if any) will be linked to each animals profile and will be available publicly, if the animal has not been adopted, for each visitor. They will be available only privately to a pet owner after adoption.
- b. Owners are allowed only to link their pet's profile to a veterinarian. The owner shall not have the ability to edit the medical information of the pet.
- c. The software's underlying structure will be flexible enough to allow a future feature to allow veterinarians to add a pet medical records and provide owners with detailed information about their pets' conditions, medications, etc., if any.

7. Advertising on the Website

- a. Advertisements shown will be only to pet-adoption friendly advertisers. The appearance of advertisements on the site is controlled at the client level. That is, an individual pet provider cannot disable advertisements.
- b. Advertisements will be limited in quantity and will not clutter the website or negatively impact user experience.

8. Miscellaneous requirements

- a. Storage of information.
 - i. After a pet is adopted, its profile will display as “recently adopted” for a set period of time, at which point its profile visibility will be controlled by the pet owner. (Publically visible only if specified; default is not visible.)
 - ii. Since pet profiles are tied to unique identifying information for the pet (e.g. via the pet’s chip implant), the profiles shall be stored in perpetuity. “Deactivation” of a profile makes it not publicly visible, but the profile is not deleted and can be restored.
- b. The URL will display only the top-level domain and provider locations. Individual pet URLs will be masked. Abbreviated URLs will be provided (via a plugin such as TinyURL) for visitors to link to a specific pet page.
- c. Simple video import/hosting: Providers will be able to display YouTube videos on the site.
- d. Use pet status (available, pending adoption, adopted, etc) for where the pet’s info is shown