1.1 Overview

This product is a way for casual browsers and potential new animal adopters look at all animals near them that are up for adoption.

This website takes all adoptable animals from all animal shelters and puts them on one site. This way you know of all animals near you, or if you are looking for a certain type of animal you have more options. You will be able to search for specific characteristics you want in your pet.

Each pet will have their own profile that will come with a description and characteristic of them, their medical history (if they have one) and the location from which it can be adopted.

Users will be able to either browse and may create their own account. A benefit of a potential adopter having an account is that they can save their location and what you are looking for in a pet; also, once they have adopted a pet, in a few easy steps they can link their new pet’s profile to their personal account, using a confirmation code sent to them by the pet provider. Linking the pet’s profile allows the adopter to always have access to the pet’s initial medical records and allows more records to be added.

Shelter employees also have accounts. This allows them to add pets housed at their shelter and update those pets’ profile, including the pets’ medical records. Once an animal has been adopted, the shelter no longer has access to the profile.

Users with and without accounts will be allowed to donate to a shelter of their choice.

There will also be a frequently asked questions that anyone can view.

The site will have advertisements consistent of only pet-adoption friendly advertisers. This website will run on both Mac and Windows OS and will need about 85 MB of disk space.

1.2 Project deliverables and schedule

Deliverable Submitted to Due date

1. Requirements……………………………………………………Blackboard………………..June 5 2018
2. Uses Cases and Sequence Diagrams ………………….Blackboard……………….June 11 2018
3. HLA, Class Diagram, Interface Diagram………………Blackboard……………….June 14 2018
4. SPMP………………………………………………………………….GitHub……………………..June 21 2018
5. Repo Setup ………………………………………………………..GitHub……………………..June 20 2018
6. Code Review Criteria…………………………………………..GitHub…………………….June 25 2018
7. Code Review……………………………………………………….GitHub……………………..July 2 2018
8. Applying changes ……………………………………………….GitHub……………………..July 2 2018
9. Code development…………………………………………….GitHub…………………….July 10 2018
10. Testing………………………………………………………………..GitHub…………………….July 12 2018
11. Running Website………………………………………………...GitHub……………………July 14 2018
12. Finished product………………………………………………….GitHub……………………July 17 2018

1.3 Evolution of the Software Project Management Plan

In our schedule, we have allowed time to meet with our client and make sure we are meeting their requirements. If they decide on changes, we have allowed time in-between each due date so we have time to complete it. Throughout the project we will continuously work on writing maintainable code. This will allow us to adjust easily when we need to make a change. For example, we will create a “User,” from which each type of user branches off, making it easy to add new types of users in the future if required. We understand that change and updating is a big part of this project, so we will do whatever we can to make sure we can easily adapt our code. As we receive or think of necessary changes, we will keep updating our previously completed documents so we will always have a reference to what we need to do.

1.4 Reference materials

1. *Software Engineering: A Practitioner’s Approach,* Roger Pressman and Bruce Maxim
2. Weekly class slides, Rebecca Broadwater

1.5 Definitions and acronyms

1. *Client* refers to the individual or group purchasing this software.
2. A pet *provider* is an adoption center, shelter, veterinarian, state employee, or other user authorized to offer a pet for adoption.
3. A *pet owner* is any person that has adopted a pet from a participating provider.
4. A *visitor* is any person browsing the site.
5. A *provider profile* refers to the unique web page on which a provider’s information and pets available for adoption are displayed.
6. A *pet profile* refers to a unique web page on which an individual pet’s information is displayed.