COSC 412 Group 2 Project

Requirements

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Functional

* A centralized website for placing pets up for adoption through the state.
  + Reliable communication between locations
  + A posting option for shelter representatives to facilitate easy access for potential owners
  + Hold pets' medical and personality traits
  + Can take Donations and promote advertisements
* System shall support vets, potential owners/general users, and shelter representatives
  + Various users:
    - Vets
      * Can update medical records from the examination room upon pets arrival to the facility
      * Can update the care tips i.e. how to integrate pets into new families
    - Potential Owners/General Users
      * Can view all animal traits and medical information for potential pets
      * Can filter by location, age, care level, and certain personality traits
      * Can donate
      * Can view care tips
    - Representatives
      * Can upload photos of pets in shelter and their personality traits.
      * Can remove pets that have been adopted
      * Can upload documents that need to be filled out prior to coming to location

Accounting

* + - * Can only view donations pages and handle transactions
      * Handle income from advertisements

Social Media experts

* + - * Handles placement of advertisements on the page
      * Promotes shelters and adoptions
* System will allow representatives to create and delete accounts and allows pet owners to view their pet’s medical records.
* System shall facilitate advertising and donations from appropriate venues
  + Submission page for advertising and donations available only to Social Media expert
  + Donators - can provide monetary donations or advertisement opportunities
* System shall accept different inputs depending on the type of user
  + User types:
    - Potential Owners/General Users:
      * Filters options
      * Donation amounts/credit card information
    - Representatives:
      * Pets information section
      * Picture uploads
      * Removal of adopting animals
    - Vets:
      * Medical upload

Social Media Expert

* + - * The ability to insert advertisements and delete old ones.
* System shall produce different outputs depending on the type of user
  + User types:
    - Representatives:
      * Successful upload message when updating or adding new pets to site.
    - Potential Owners/General Users:
      * Available pets and their information
    - Accounting:
      * Donation submissions
    - Donator:
      * Proof of donation
* Data System must store:
  + Each pets personality and medical history
  + Financial contributions from donors
  + Care Tips
  + Advertising
* Search Options
  + Filters pets location, age, care level, and certain personality traits.

Non-Functional

* Users will be able to navigate smoothly and efficiently
* Representatives can do rapid upload of pets and adopted animals.
* Site will present a user-friendly layout
* Site should be cost and space effective
* System will be reliable and available to all users
* Donations are easy to make
* Care tips are explained in plain english (i.e. not technical terms).

**The committee must**

* Provide a technical status presentation roughly half-way through the project
* Provide a final demo of a working prototype at the project completion