

Project Proposal

TCSS 445 Database Systems Development

Petter Website

Team 18

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Contents

Introduction	2
Users.....	3
1. Family Pet	
2. Pet Trainer	
3. Pet Breeder	
4. Pet Adoption Centers	
5. Pet Lovers without Pets	
User and System Requirements.....	4
Implementation.....	5
Data Requirement.....	5
Prototype	6

Introduction

Facebook, gives people the power to share and make the world more open and connected. People use Facebook to stay connected with friends and family, to discover what's going on in the world, and to share and express what matters to them. Tinder, establishes a romantic connections starts from "It's a match". Among those tons of social networking sites or apps, they forget one of the most important part of our lives – our pets! Pets need friends too! In this text, we would like to propose a website: Petter, it will provide a platform to make genuine friendships with pets they share common interests with. On the website, the users are able to view other people pets' information, create pets' and leave comments on the "Pets Wall" information after they sign-in.

Our target users will be pet owners, pet trainers, pet breeders, staff of pet adoption centers and pet lovers without pets. On the main page, the users will see a search menu, user can search the pets they want by pet-type, sex, city, state and zip code. And also, they could do advanced search. The users are able to search the pets by more catalogs, such as age, color and size. After that, they can start to look for the pets they think their pets might be interested, or find the pets their pets share common interests with. If the users sign-up an account with us, they can create a page for their own pets. And also, they can write comments to other users' pets. Then the connections start. Additionally, our website will have an "adoption information" section. It will give the pet lovers who have not have a pet yet to look it up. The staff of pet adoption will be able to add the adoption information after they sign-in.

So while the main goal of the website is to help pets connect offline and do activities they enjoy together, there is a strong possibility pets who meet through Petter will really like each other and begin to develop closer relationships from there.

Users

Our target is anyone that is a pet lover. This is a list of expected users:

1. Family Pet

- ◆ Family that own pets would want to let their pet get friends.
- ◆ It is healthy for pets to play with each other and develop social skills.

2. Pet Trainer

- ◆ Training pets to be friendly with other animals can be challenging. Finding training partners can be difficult. This website provide a variety of pets that trainers can meet.

3. Pet Breeder

- ◆ Finding the right pet for breeding.

4. Pet Adoption Centers

- ◆ They can use this website to promote pets for adoption, and let their pets gain some outside world exposure.

5. Pet Lovers without Pets

- ◆ People who want to meet pets for adoption or for fun.

User and System Requirements

The list of requirements to complete this project:

- User - Will be able to log-in and interact with other accounts; liking, commenting, and see other accounts.
- Pet Account - Users will be able to create pet-accounts. This user will be the admin of this pet-account. The account will contain basic information about the pet.
- Pet information - The website need to provide information about pet, there will be a minimum requirement of information for certain pets. I.e. breed, age, color and etc.
- Pet wall - A wall that pet can post messages for other users to see.
- Search menu - A table/map menu that allows user to check/dropdown boxes to find perfect pet they are looking for.
- Tags - An element of the search menu for advance search.
- Search bar - Allows user to search pet and users by their names.
- Rating - A rating system to rate pet meet up.
- Comment - A comment section for any additional information's about pet and users.
- Personal messaging - Users can personal message other users.
- User-Create-Direction - Provides step-by-step instruction to create a new user.
- Pet-Create-Direction - Provides step-by-step instruction to create a pet-account.

In order to make a user friendly website, the website will focus mostly on the user. The users are the main contributor to the site. User will be able to post pets, comments, and rate other pets. The main goal for this project is to construct a fast way to connect with other pets in the community.

	Create	Read	Update/Review	Delete
User	x	x	x	(limited)
Pet-Account		x	x	
Moderator	x	x	x	x
Anonymous		x		

Implementation

These are the requirement for final product:

- ❖ Secure user login
- ❖ Password recovery option
- ❖ Users can create, update and delete their pet and own accounts
- ❖ Users can send personal message to other users
- ❖ Allow users to personalize pet-account
- ❖ Advance search using menu & tags
- ❖ Users can submit review about pets
- ❖ Pets account can add friends (other pets)

Data Requirement

The database will need to store the following:

- User: first name, last name, password, email, list of pet-accounts and user id.
 - User need to be able to store their name, pet-accounts, password, email, and account id.
 - User need to store past meet up with pets and history with pets.
 - User need to store pets they are interested in.
- Pet-Account: first name, last name, pet id, user id color, age, hobbies, favorite toy, sex, availability for adoption, and extra information.
 - Pet-account will need to show name, pet id, color, age, and hobbies.
 - Pet-account can store comments, rating, and friend-list of other pet-accounts.
- Type of pets: type of animals, pet id, and user id.
 - Different tables of pet-accounts depending on the pet. Example: Snake will have a length category, birds will have a wingspan, and bugs will have a leg count.

Prototype

Main page:

Petter

www.petter.com

PETTER Log-In Search





Find Fluffy Singles Near You...

Pet-Type: ANY Sex: ANY

City: State: ANY Zip:

[ADVANCED SEARCH](#) Search

1 million matches...Hear their stories...

			
Doe & Joe Tacoma, WA	Tim & Lucy Seattle, WA	Happy & June New York, NY	Mimi & Carmen LA, CA

Advanced search page (after the user clicks “ADVANCED SEARCH” and pet-type selects “Dogs”):

Petter

www.petter.com


PETTER Log-in Search

ADVANCED SEARCH

Breed: ANY Sex: ANY

City: State: ANY Zip:

Age: ANY Color: ANY Size: ANY

 Search

Log-in Page:

Petter

www.petter.com

PETTER

Log-in

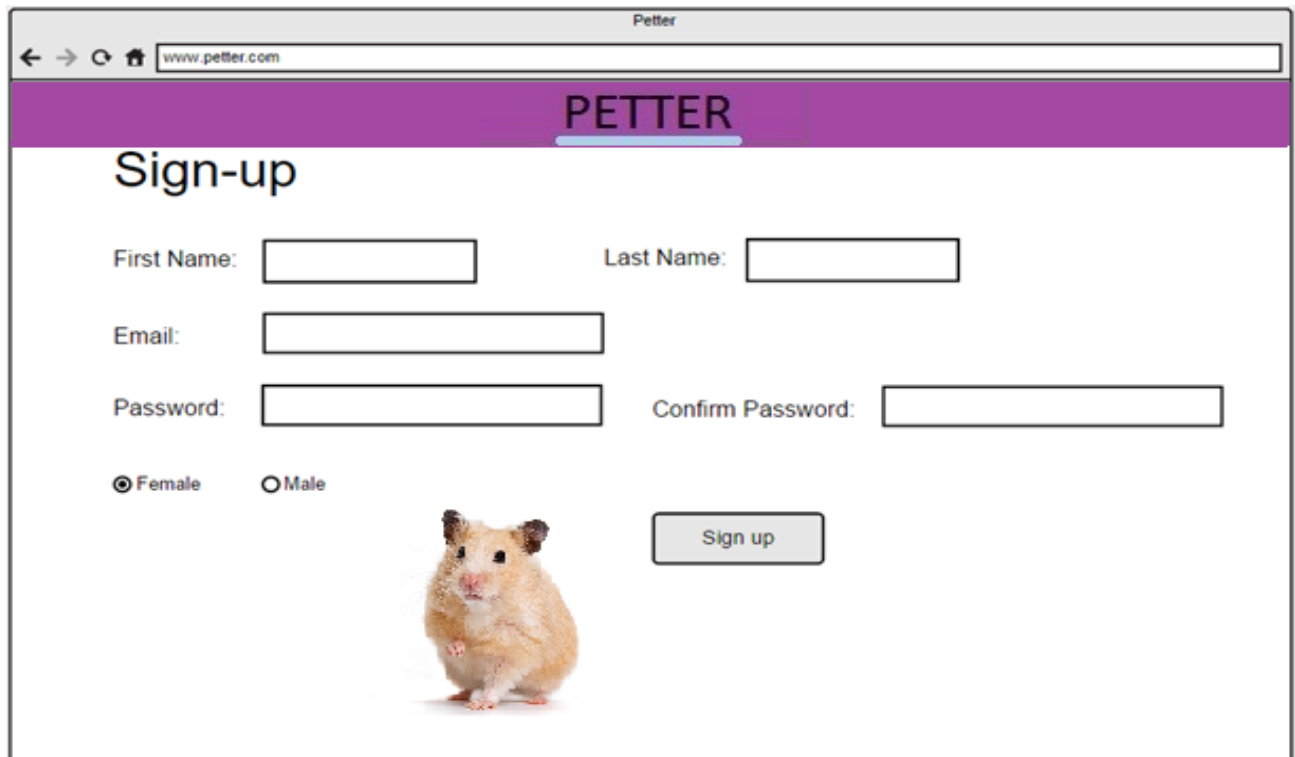
E-MAIL ADDRESS:
NAME@YOUREMAIL.COM

PASSWORD:
PASSWORD

[FORGOT PASSWORD?](#) [FORGOT LOGIN?](#) Log-in Now

Don't have an account?
[Sign-up here!](#)

Create an account (Sign-up):



The screenshot shows a web browser window with the address bar displaying "www.petter.com". The page has a purple header with the word "PETTER" in white. Below the header, the title "Sign-up" is displayed. The form includes fields for "First Name:", "Last Name:", "Email:", "Password:", and "Confirm Password:". There are radio buttons for "Female" (selected) and "Male". A small image of a hamster is positioned to the left of the "Sign up" button.

Petter

www.petter.com

PETTER


Sign-up

First Name: Last Name:

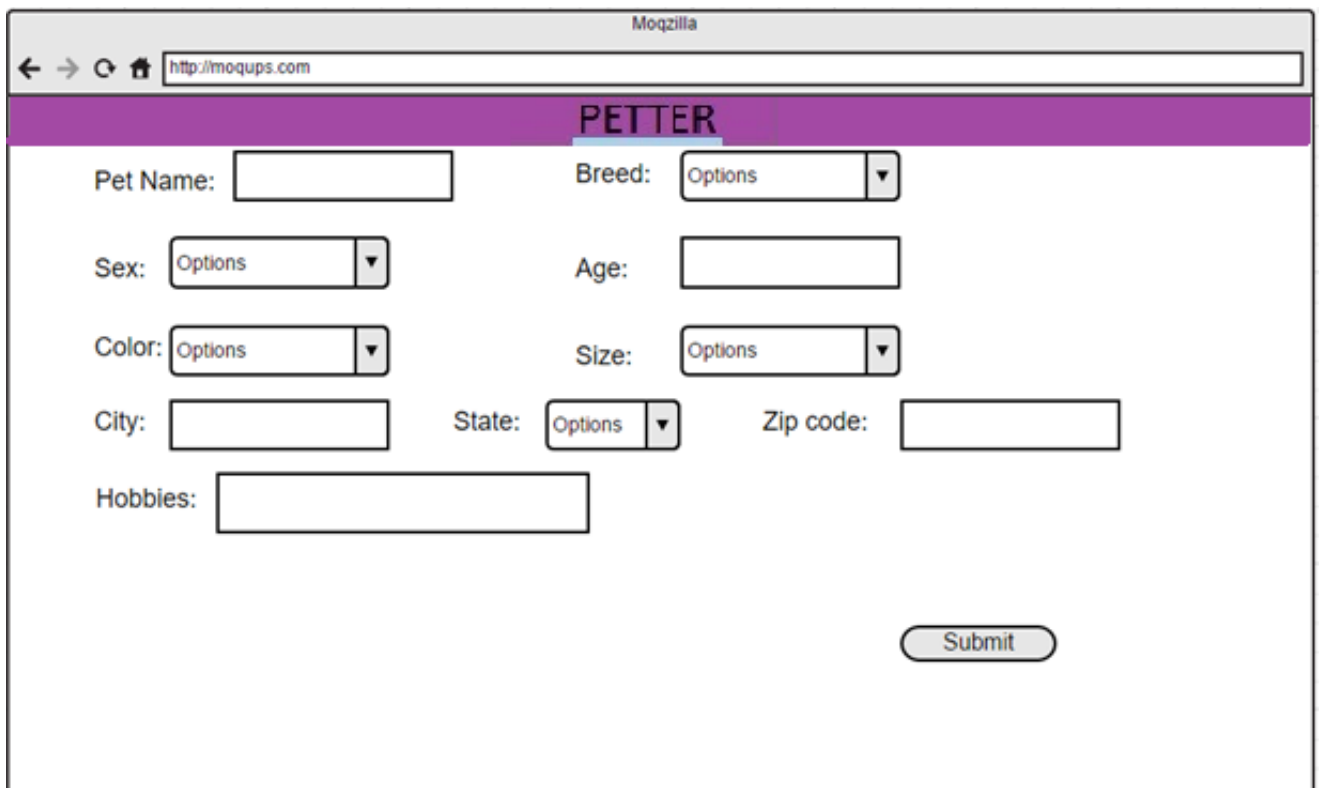
Email:

Password: Confirm Password:

☒ Female ☐ Male



User after log-in, create information for his/her pet:



The screenshot shows a web browser window with the address bar displaying "http://moqups.com". The page has a purple header with the word "PETTER" in white. Below the header, the form includes fields for "Pet Name:", "Breed:", "Sex:", "Age:", "Color:", "Size:", "City:", "State:", "Zip code:", and "Hobbies:". The "Breed:", "Sex:", "Color:", and "State:" fields are dropdown menus. A "Submit" button is located at the bottom right.

Mozilla

http://moqups.com

PETTER

Pet Name: Breed:

Sex: Age:

Color: Size:

City: State: Zip code:

Hobbies:


Pet information and leave comments if the user wants to.

Petter

← → ↻ 🏠

www.petter.com

PETTER



♥♥♥♥

Name: June

Breed: Husky

Color: White, Grey

Age: Adult

City: Seattle

ID #: 0000111


Sex: Female

Size: large, 61 -100 lbs

Hobbies: Sleep, eat

State: WA

Comments Wall:



Matt

Hey June!

Leave your message for June...

Send

After doing a quick search for “Dog”:

Petter

← → ↻ 🏠


www.petter.com

PETTER

Log-in

Search

Searched for: Dog



Name: Buddy Brown

Color: White, Brown

Gender: Female

Age: 3 month


Comments:

Buddy loves to run on the grass.

Buddy loves playing with cats.

Buddy favorite treat is chewbones.

Buddy likes to eat paper (bad Buddy).



Name: Jimmy White


Color: White

Gender: Male

Age: 2 years

Comments:

None



Name: Lucky Goofy

Color: Tan, White

Gender: Male


Age: 3 years, 5 month

Comments:

Lucky likes to make a mess.

Lucky best friend is Jimmy.

Lucky poops a lot.



Name: Miss FluffyButt

Color: Light-Brown

Comments:

Has a fluffy butt