

CS 148

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Assignment: 10.0 (Final Project)

Petr

Version <1.0>

Petr	Version <1.0>
	Date : 12/7/2015

Table Of Contents

Time Log

Introduction

Purpose

Definitions, acronyms, and abbreviations

Overall Description

Story Board

Assignment requirements

Specific requirements

Petr	Version <1.0>
	Date : 12/7/2015

Time Log			
Estimated time to complete assignment =>			40 Hours
Date	Time Spent (in hours)	Description	Author
Nov 16	1	Creating a Sitemap, and list of desired features	Sam P, Dan S
Nov 16	1.5	Creation of an ER Diagram	Sam P, Dan S
Nov 16	1	Creation of a Schema	Sam P, Dan S
Nov 17	3	HTML Mock up of site with slight CSS	Sam P
Nov 17	2	SQL Statements for selecting bulk data	Dan S
Nov 18	4	Writing HTML for form and styling	Sam P
Nov 18	2	Integrating SQL with the Form	Sam P
Nov 18	4	Adding javascript for swipes	Dan S
Nov 18	2	Javascript for Image Viewer	Dan S
Nov 19	2	Image Upload Page to add pictures	Dan S, Sam P
Nov 19	2	Bug fixes on Form Page and Upload Page	Dan S, Sam P
Nov 19	1	Changing ER Diagram to fit site changes	Dan S, Sam P
Nov 19	2	Bug fixes on main page and matches page	Dan S, Sam P
Nov 19	1.5	Site Optimization	Dan S, Sam P
Nov 19	1.5	Added Empty Array Page	Dan S
Nov 19	1.5	Added Hover Menu	Sam P
Dec 3	2	More CSS Styling	Sam P Dan S
Nov 16	1	Creating a Sitemap, and list of desired features	Sam P, Dan S
Nov 16	1.5	Creation of an ER Diagram	Sam P, Dan S
Nov 16	1	Creation of a Schema	Sam P, Dan S
Dec 7	2	Continued Bug Fixes	Dan S, Sam P
Dec 7	2	Population Of Tables	Dan S, Sam P
Dec 7	2	Additional Styling	Sam P, Dan S

Petr	Version <1.0>
	Date : 12/7/2015

Dec 7	1	Added New User Page	Sam P, Dan S
	44.5	<=Total Time Spent	

Introduction

Purpose

The purpose of this document is to describe the requirement specification for the web site Petr.

The intended audience for this document is the people working on the site, and the people who asked for the site, along with others interested in the making of this website.

First it is the contract between you and the client. Second it is for the developer of the site. Two primary goals are:

- 1. Client gets a very good understanding of what you will be delivering.*
- 2. Developer has a very good understanding of what they are going to create.*

Definitions, acronyms, and abbreviations

Sample for the client:

HTML – Hypertext markup language – used to define your content.

PHP – Personal Home Page – language that helps to customize html.

CSS – Cascading Style Sheets – used to define the look of a web site.

W3 Validation – refers to both Html and CSS validation tool provided by the

W3c.org. the html validator is located at:

<http://validator.w3.org/>

with the CSS validator located at:

<http://jigsaw.w3.org/css-validator/>

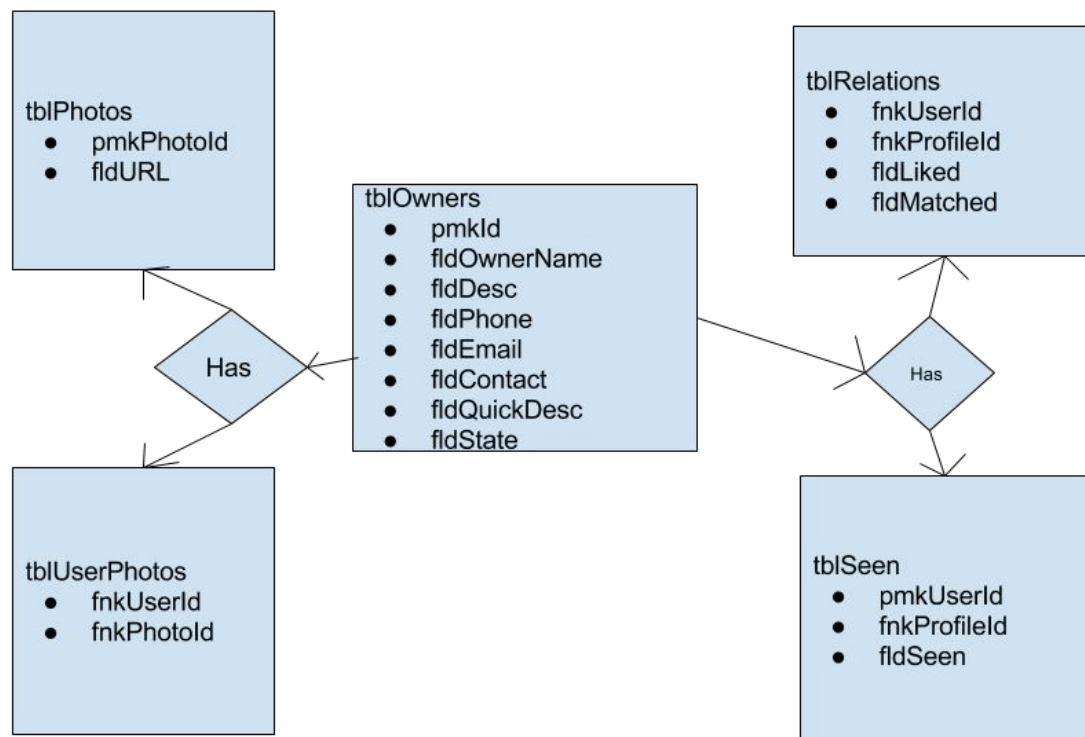
Overall Description

Petr looks to act as a website similar to that of the app Tindr. The twist though, is that it's for dogs looking for other dogs, as chosen by their owners. Dog owners can make a profile for their dogs, and see other dogs that live in the surrounding area. When it's been determined that two dogs have both liked one another, a match is made and notifies the owners. Matches will build up in each user's match table. Clicking on an individual match will take the user to a contact info page, providing

Petr	Version <1.0>
	Date : 12/7/2015

ways to get in touch with the other owner. From here it's up to the owners to get their dogs together. Hopefully this will increase the rate of doggy play dates across the country, and give each dog a friend.

ER Diagram



Petr	Version <1.0>
	Date : 12/7/2015

Schema

```

CREATE TABLE IF NOT EXISTS `tblNonOwners` (
  `pmkId` varchar(12) NOT NULL,
  `fldOwnerName` varchar(100) NOT NULL,
  `fldDesc` text NOT NULL,
  `fldEmail` varchar(100) NOT NULL,
  `fldPhone` varchar(50) NOT NULL,
  `fldCity` varchar(50) NOT NULL,
  `fldState` varchar(2) NOT NULL,
  `fldPetType` varchar(10) NOT NULL
)

CREATE TABLE IF NOT EXISTS `tblOwners` (
  `fldDesc` text,
  `fldOwnerName` varchar(50) DEFAULT NULL,
  `fldEmail` varchar(75) DEFAULT NULL,
  `fldPhone` varchar(50) DEFAULT NULL,
  `fldCity` varchar(50) DEFAULT NULL,
  `fldPetName` varchar(15) DEFAULT NULL,
  `fldPetType` varchar(100) DEFAULT NULL,
  `fldPetAge` int(2) DEFAULT NULL,
  `fldState` varchar(12) DEFAULT NULL,
  `pmkId` varchar(12) NOT NULL
)

CREATE TABLE IF NOT EXISTS `tblPhotos` (
  `pmkPhotoId` int(100) NOT NULL,
  `fldURL` varchar(100) NOT NULL
)

CREATE TABLE IF NOT EXISTS `tblRelations` (
  `fnkUserId` varchar(100) NOT NULL,
  `fnkProfileId` varchar(100) NOT NULL,
  `fldLiked` varchar(10) NOT NULL DEFAULT 'F',
  `fldMatched` varchar(10) NOT NULL DEFAULT 'F'
)

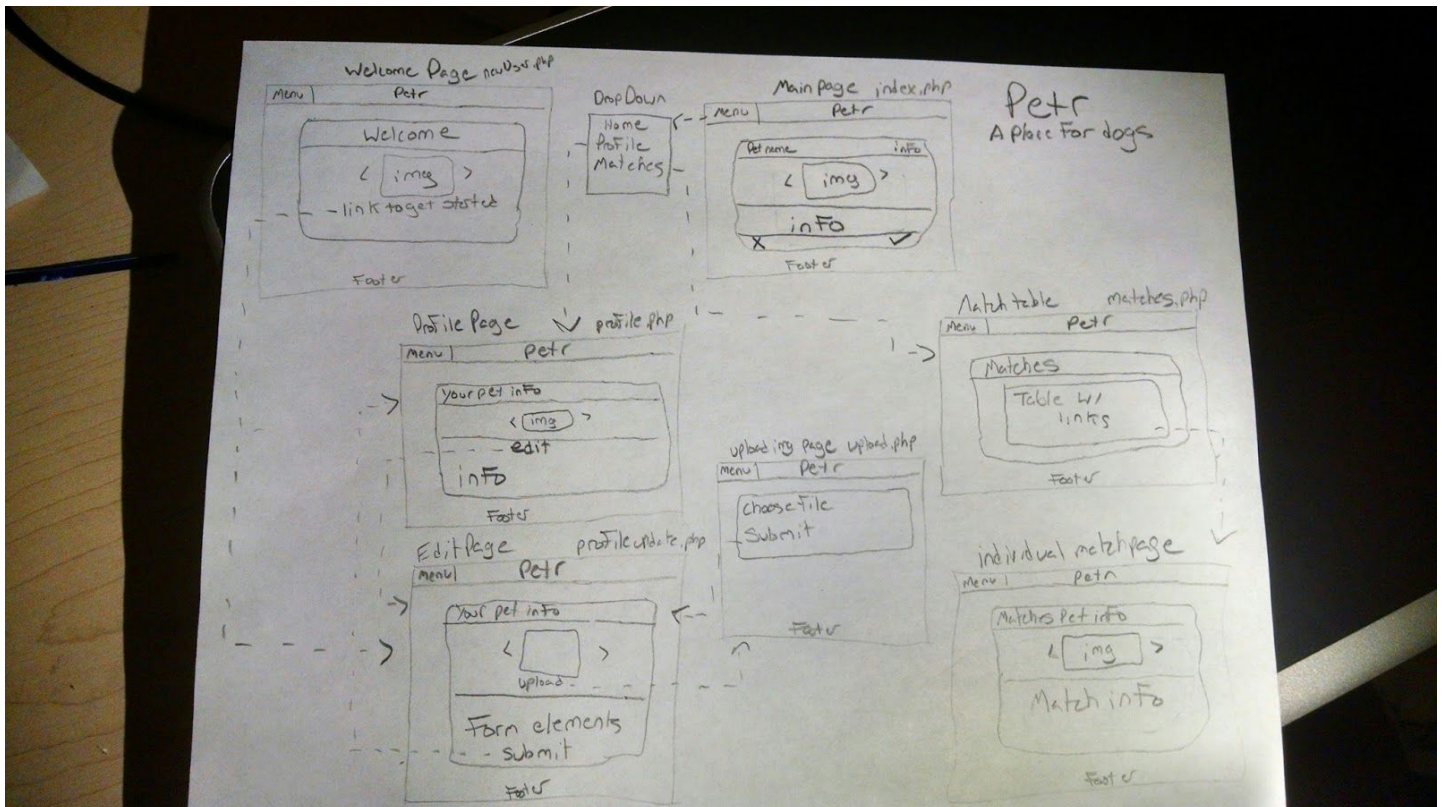
CREATE TABLE IF NOT EXISTS `tblSeen` (
  `pmkUserId` varchar(12) NOT NULL,
  `fnkProfileId` varchar(12) NOT NULL,
  `fldSeen` tinyint(1) NOT NULL DEFAULT '0'
)

```

Petr	Version <1.0>
	Date : 12/7/2015

```
CREATE TABLE IF NOT EXISTS `tblUserPhotos` (
  `fnkUserId` varchar(100) NOT NULL,
  `fnkPhotoId` int(100) NOT NULL
)
```

Story Board



Petr	Version <1.0>
	Date : 12/7/2015

Specific requirements

1. *Title - Petr - A Place for Dogs*
2. *Meta Description: A Place for Dogs to Meet Dogs On The Web*
3. *Meta Character set: UTF - 8*
4. *Logo: Petr with a paw.*
5. New User Page to inform visiting users about the site
6. New User Page Has carousel of photos to entice new users
7. Carousel randomizes order
8. Header containing logo and hover menu
9. Hover menu updates depending on the page
10. Main Page Has all potential matches
11. Swipe mechanic to choose yes or no
12. When option is chosen, give feedback on the decision, then automatically get the next potential match
13. When a match is made that moment, say so.
14. Each Potential Match Displays basic info and photos, but not contact info.
15. Profile Page brings you to the same thing as the home page, but only shows your info.
16. Include and edit button to change values.
17. Edit button brings you to a profile update form page, including fields for all info.
18. Update page includes A link to an automatic image uploader.
19. Form includes error checking, and displays current errors with the form.
20. On a successful submit, you are returned to the profile page with the updates included.
21. Match page that holds all matches in a table. Table holds links to each pages contact information.
22. Contact page is just like the profile page, but for a different user that you have matched with.
23. Slick jquery to smooth the web page and use attractive animations.
24. CSS to make a light and happy sight that's still serious.
25. Full Database capabilities using SQL
26. All data stored in web database
27. When pages run out of data to display, have a message to know they've seen all the content.