

Coding Academy by Orange

أكاديمية أورانج للبرمجة



MASTERPIECE PROJECT

Title: Adopt Pet.

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Abstract

This web application is considered important to the people who will use it as it will save time and effort for both who want to rehome their pets and Adopter and will provide the opportunity for the owners of the pets to communicate easily with the adopter, the person who wants to adopt pets can be used this system for adopting.

Chapter 1: Introduction

1.1 Problem Statement

Many obstacles have made me think about this project. Among these obstacles, In Jordan, we do not have websites for the adoption process. People who want to adopt must post on social media and this process is very difficult, complicated, and illogical, and wasting the time of the adopter when looking for pets to adopt and going to social media and then looking at all the details in addition to the effort that will be in this

1.2 Solution

This site has come to solve the problem of pet adoption. This site facilitates the adoption process for the person who wants to adopt and who puts his animal up for adoption and acts only as an intermediary between the two parties.

1.3 Project Objectives

The main objective of the project is: *“To develop a comprehensive system that allows to the user who wants to re-home his pets”*.

1. Reduce the search time.
2. Reduce the effort in the search process.
3. Improve communication between adopters and those who want who put their animal up for adoption.
4. Enables adopters to adopt anytime, anywhere in Jordan.

Chapter 2: Literature Review

2.1 Overview

Adopt Pet website provides a set of posts that allows users to adopt, but the user must be logged in to the site first to show the single page of any pet, to add privacy and security to the system. It is the first system of its kind in Jordan.

The Adopt Pet website seeks to develop the services system in Jordan and transform them from posts in social media to a website to keep pace with the development, in addition, to saving effort and time for users.

2.2 Related Work

Many websites in Jordan offer many of these services a little differently, one of them:

- **Petly:** They provide high standards of Pet welfare as well as shelter to Pets – rehabilitation & training for Adoption purposes. Their services are fully certified, involving close collaborations with a veterinary resident Dr. Raed Gharaybeh and 24 Hours Emergency Line. Their Family -Staff and Volunteers-are passionate, patient, dedicated, and above all pet-lovers. Their Vision is to save lives.

2.3 Summary

Every year the number of new pets increases, which means an increase in the adoption process, more effort, and more time spent searching for a person who wants to adopt or a pet for adoption. Therefore, there must be many online sites for adoption in Jordan.

Chapter 3: Methodology

3.1 Overview

The Adopt Pet site has been designed and developed to ease the adoption process and to save users time and effort.

3.2 System Requirements

Listed below are the functional requirements and non-functional requirements of the system.

A. FUNCTIONAL REQUIREMENTS

No.	Requirement Description
1	The website allows users to sign in
2	The website allows admins to sign in
3	The website allows admins to access users' requests.
4	The website allows admins to access every detail of each request.
5	The website allows users to attach their and their pet's information and requests.

B. NON-FUNCTIONAL REQUIREMENTS

No.	Requirement Description
	Ease of use: The website is user-friendly, simple, and responsive
	Savings: The site provides both those who want to re-adopt their pets and users who want to adopt time and effort.
	Safety and confidentiality: No one is allowed access to user requests information other than the authorized body, who are admins.

3.3 Tools

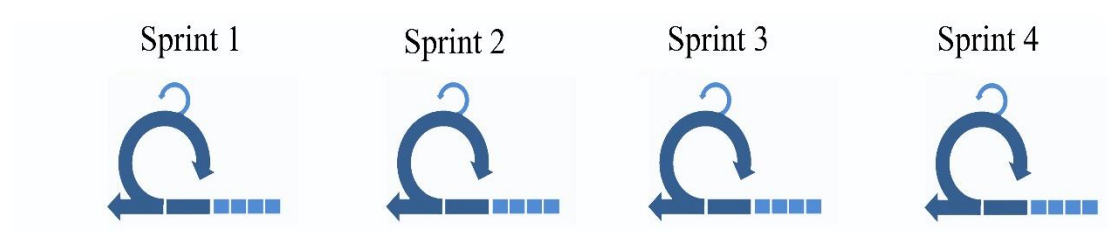
No.	Tools Utilized
1	Visual Studio Code
2	PhpMyAdmin – MySQL
3	Xampp
4	Draw IO
5	GitHub
6	Zoom
7	Discord

3.4 Programming Languages

No.	Website
1	HTML5
2	CSS3 – Bootstrap
3	JavaScript
4	PHP / Laravel
5	MySQL

3.5 Methodology Process

Adopt Pet Website has been developed based on the Scrum framework. It has been generated based on 4 sprints, where a sprint is the basic unit of work for a Scrum team. This is the main feature that marks the difference between Scrum and other models for agile development.



The table below demonstrates how Adopt Pet website has been developed in detail using the Scrum framework to show how each step has been conducted.

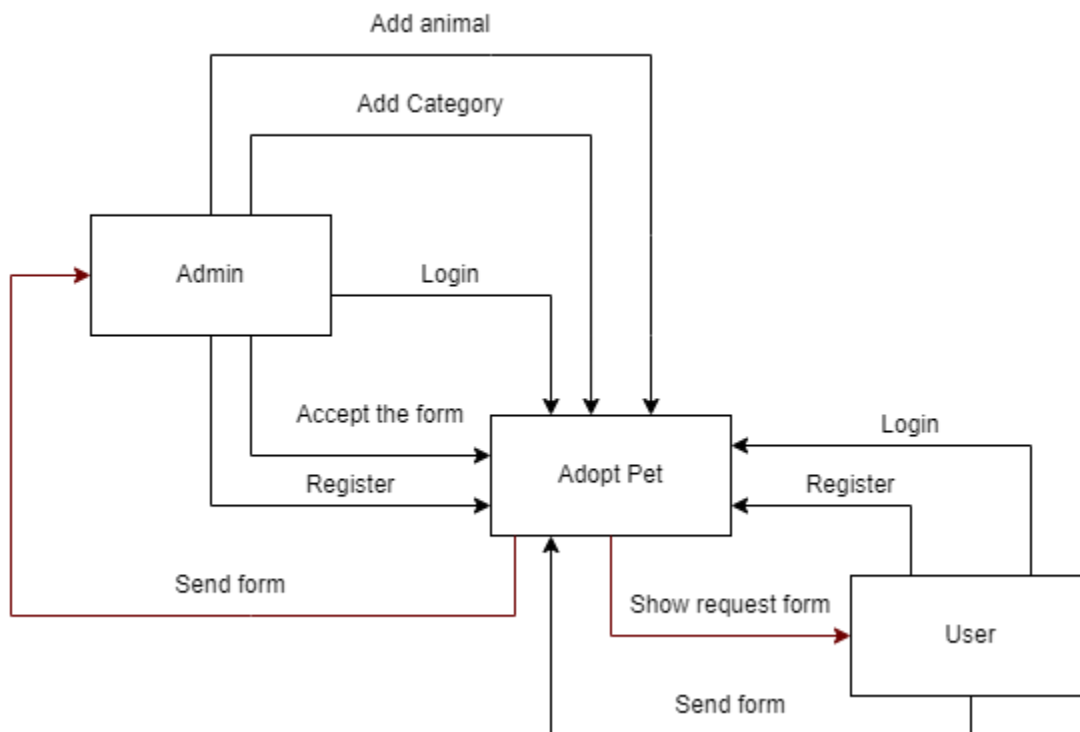
The number of sprints:	Sprint 1	Sprint 2	Sprint 3	Sprint 4
Duration of each sprint:	2 Weeks	2 Weeks	2 Weeks	1 Month
Date:	1/1 – 13/1	14/1 – 26/1	27/1 – 27/2	28/2 – 12/3
Product Backlog	Front End Public Site Style	Front End Dashboard Style	Back End for the dashboard	Back End for the website

Chapter 4: Design Models

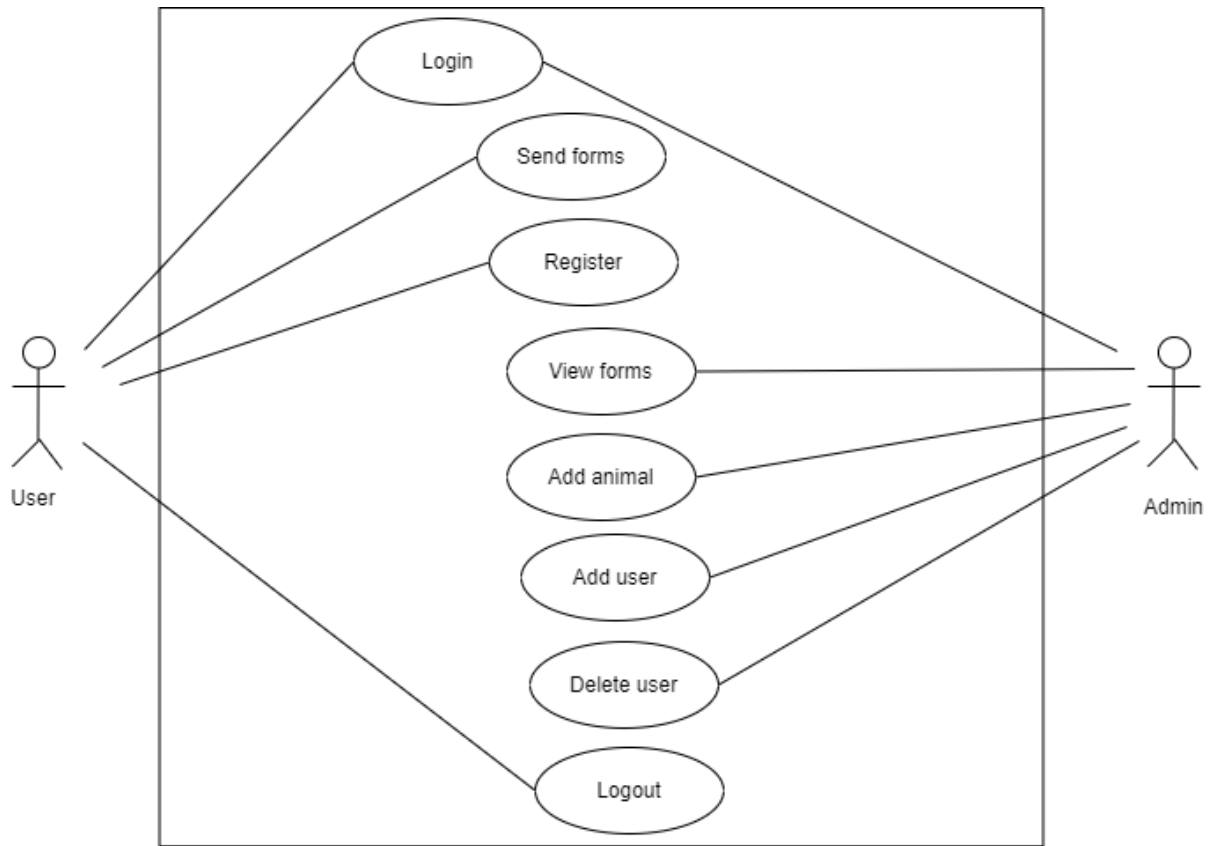
4.1 Overview

In this chapter, I will describe the implementation of my source code in a diagrammatic fashion.

4.2 Context Diagram



4.3 Use Case Diagram



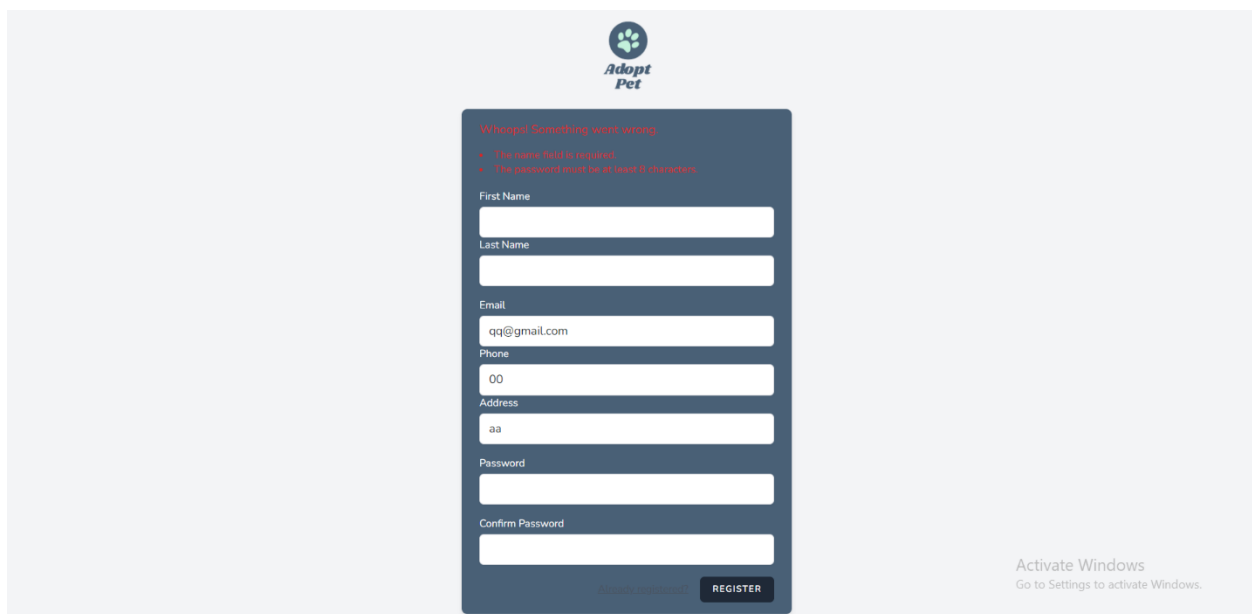
Chapter 5: Experiments and results

5.1 Overview

Adopt Pet Website has been subjected to several tests to reach the highest accuracy, assurance, and safety and to ensure that the system runs properly.

5.2 Testing Methodologies

Logging in to the Adopt Pet Website, when clicking the login button, without entering data, or valid data, an error notification will be shown, to let the user know that the login request was denied.



The screenshot displays the Adopt Pet website's registration interface. At the top center is the Adopt Pet logo, featuring a paw print and the text "Adopt Pet". Below the logo is a dark blue registration form. At the top of the form, a red error message reads: "Whoops! Something went wrong." Below this, two red bullet points provide details: "• The name field is required." and "• The password must be at least 8 characters." The form contains several input fields: "First Name", "Last Name", "Email" (with the placeholder "qq@gmail.com"), "Phone" (with the placeholder "00"), "Address" (with the placeholder "aa"), "Password", and "Confirm Password". A "REGISTER" button is located at the bottom right of the form. In the bottom left corner of the form, there is a link that says "Already registered?". In the bottom right corner of the page, outside the form, there is a "Activate Windows" notification that says "Go to Settings to activate Windows."

Projects Features:

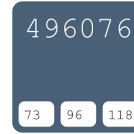
1. The website implements SEO.
2. The website considers UX/UI design principles.
3. The website is fully responsive.
4. The website contains quiet animations.
5. The website considers security by hashing strong passwords and activating the authorization demanding the user's role.
6. The website is essentially free for social impact purposes.

System Type:

Web Application.

Layout and Visual Identity:

Theme's colors:



Hex colors:

#C2F1DB

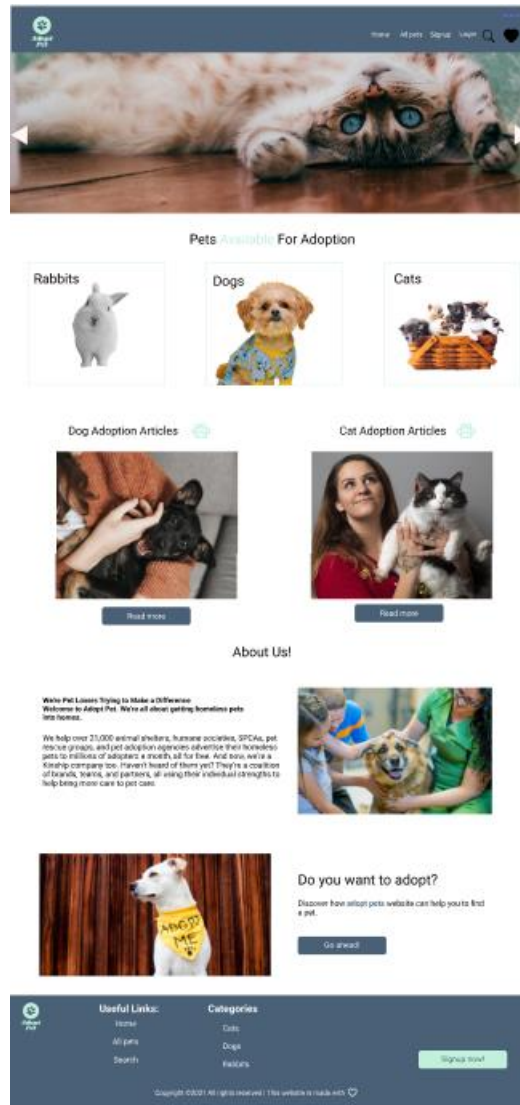
#496076

Logo:

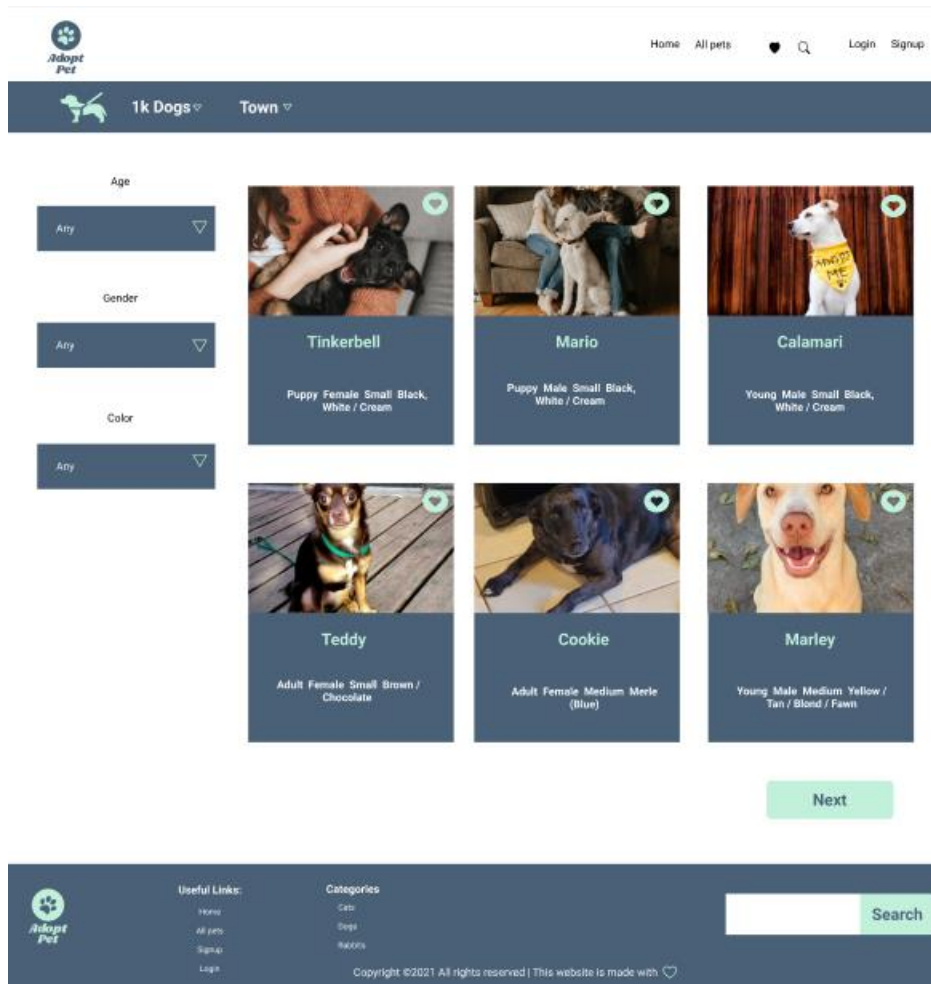


Mockup:

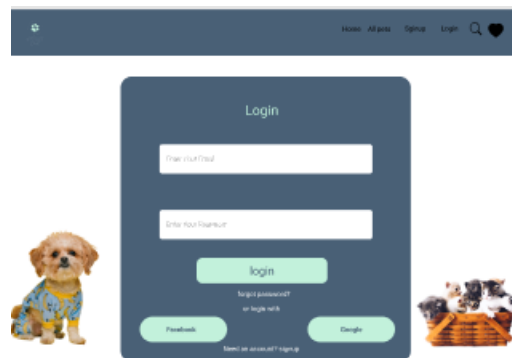
1. Landing Page:



2. Categories Page:

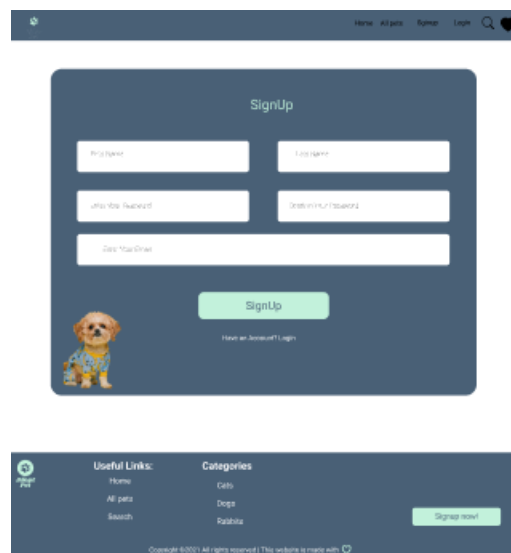


3. Login:



The login form is centered on a dark blue background. It features a title 'Login' at the top. Below the title are two input fields: 'Email/username' and 'Enter Your Password'. A green 'login' button is positioned below the password field. Underneath the button, there is a link 'forgot password? or login with'. At the bottom of the form, there are two buttons: 'Facebook' and 'Google'. To the left of the form is a small illustration of a dog, and to the right is a small illustration of a basket of kittens. The top navigation bar includes links for 'Home', 'All pets', 'Signup', 'Login', a search icon, and a heart icon.

4. Register:



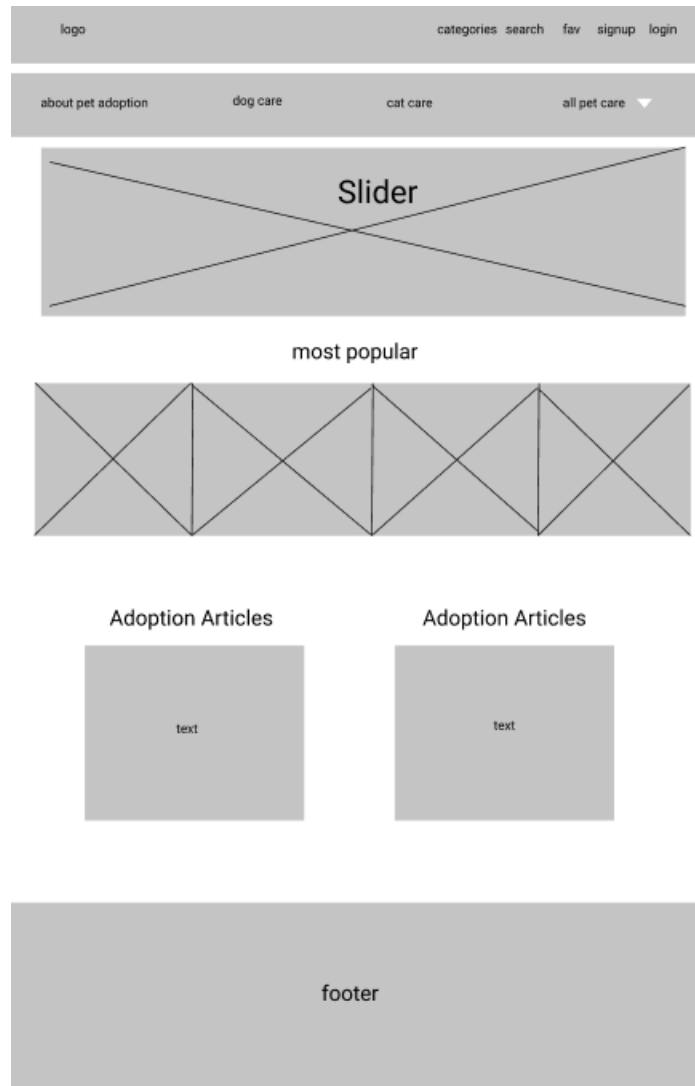
The signup form is centered on a dark blue background. It features a title 'SignUp' at the top. Below the title are four input fields arranged in two rows: 'Full Name', 'Email', 'Enter Your Password', and 'Re-enter your Password'. A fifth input field 'Date Your Dog?' is located below the password fields. A green 'SignUp' button is positioned below the date field. Underneath the button, there is a link 'Have an Account? Login'. To the left of the form is a small illustration of a dog. The top navigation bar is identical to the login page. Below the form, there is a footer section with 'Useful Links' (Home, All pets, Search), 'Categories' (Cats, Dogs, Rabbits), and a 'Signup now!' button. At the bottom, there is a copyright notice: 'Copyright ©2021 All rights reserved | This website is made with ❤️'.

5. Single Page Animal:

[illegible]

Wireframe:

1. Landing Page:



2. Categories:

logo

resources

Breed

type ▾

Age

type ▾

Size

type ▾

Gender

type ▾

Color

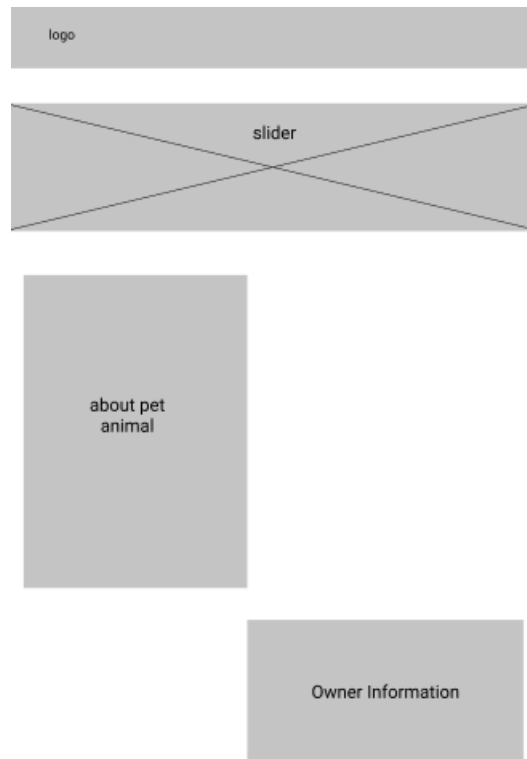
type ▾

page /

next

footer

3. Single Page Animal:



4. Login:



A login form UI mockup with a light gray background and rounded corners. The form is centered on a light pink background. It features a title 'login' at the top, followed by two input fields labeled 'email' and 'password'. Below these is a 'login' button, a 'forgot password?' link, and a section for social login with the text 'or login with' and two buttons labeled 'facebook' and 'google'. At the bottom is a 'need an account? signup' link.

login

email

password

login

[forgot password?](#)

or login with

facebook google

[need an account? signup](#)

5. Register:

creat an account

first name

family name

phone

email

password

confirm password

ID number

city ▼

☐ female ☐ male

type of user ▼

testimonials

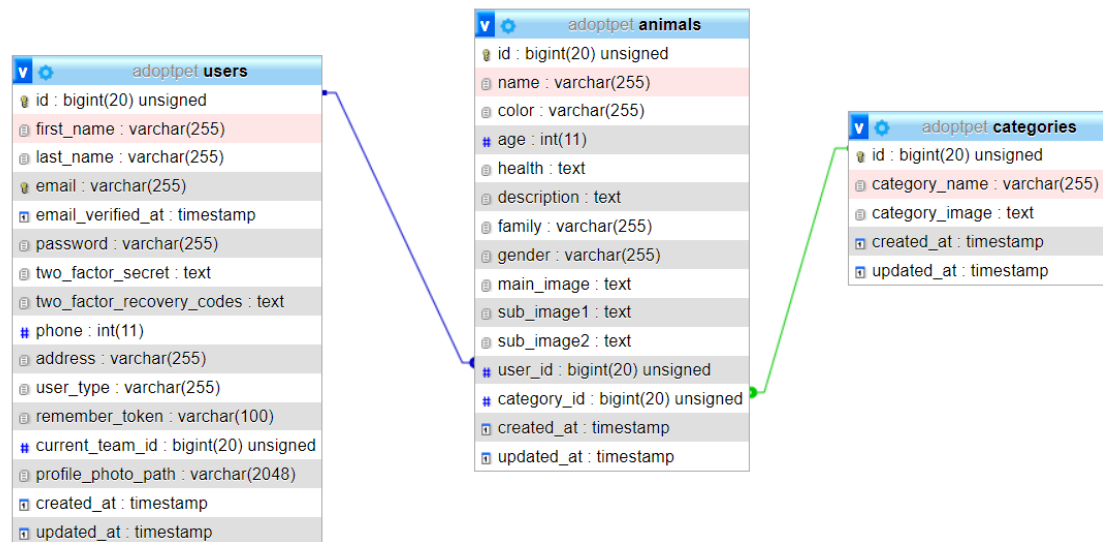
text

requirements

text

text

Database Diagram:



Logic:

- ✓ Each category has many animals. (one-to-many)
- ✓ Each user has pets for adoption. (one-to-many)

Users Role:

1. **Admin:** manage users, manage categories, manage animals,

manage content in admin dashboard pages.

2. **Users:** responsible for registration and login and search for an animal.

Future work:

1. The possibility of choosing the language of the site.
2. Take the money every month from each user who has a post about his animal for adoption.