PET ADOPTION AND SELLING PORTAL

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COIMBATORE – 641 004

PSG COLLEGE OF TECHNOLOGY

CONTENTS

CHAPTER 1

PROBLEM STATEMENT

1. Problem Statement

We lack an online platform for the welfare of pets, though every individual now seemingly has a pet, so formalizing it through the internet will engage community engagement and promote the welfare of pets. One important aspect of pet care involves buying and selling of pets and animal welfare organizations find it difficult in recovering and gaining sponsors for animals.

Problem Analysis:
This project started with the above problem statement. The following challenges exist are:

1. **Trust and Safety Concerns**: Trust and safety are significant concerns when it comes to pet adoption and selling. Users want to ensure that they are dealing with legitimate pet owners or adoption agencies. Without proper verification processes or transparency, users may hesitate to engage with the portal, fearing scams or unethical practices.

2. **Lack of Information and Communication**: Potential adopters require comprehensive information about the pets available for adoption, including their breed, age, health condition, vaccination status, and temperament. Additionally, effective communication channels, such as messaging systems or contact details, should be provided to facilitate discussions between pet owners and potential adopters.

3. **Lack of Integration with Local Shelters and Rescues**: Many pet adoption portals fail to integrate with local animal shelters and rescue organizations. This limits the availability of pets for adoption and restricts the portal's reach. By partnering with shelters and rescues, the portal can provide a wider selection of pets and contribute to animal welfare initiatives.

4. **Limited Adoption/Selling Support**: Users often require assistance throughout the adoption or selling process. The portal should offer reliable customer support, including guidance on adoption procedures, advice on pet care, and assistance in completing adoption/selling documentation. Without proper support, users may face challenges and abandon the process.

5. **Lack of Education and Resources**: Many users, especially first-time pet owners, may lack knowledge about pet care, training, and other related topics. The portal should provide educational resources, such as articles, videos, or FAQs, to help users make informed decisions and provide proper care for their pets.

Here are potential solutions to address the problems identified in the pet adoption and selling portal:

1. **Establish Trust and Safety Measures**:
   a. Implement a robust verification process for both pet owners and adoption agencies to ensure their legitimacy.
   b. Provide transparency by displaying information such as the source of the pet, vaccination records, and health certificates.
   c. Create a reporting system for users to flag suspicious or unethical listings, and promptly investigate and address such reports.

2. **Improve Information and Communication**:
   a. Require comprehensive pet profiles with detailed information about breed, age, medical history, temperament, and any specific requirements.
   b. Offer guides or templates for adoption agreements or contracts to ensure clear communication and understanding between parties.

3. **Partner with Local Shelters and Rescues**:
   a. Establish partnerships with local animal shelters and rescue organizations to expand the pool of available pets.
   b. Provide a dedicated section or integration with shelter databases to promote pets available for adoption through these organizations.

4. **Offer Adoption/Selling Support**:
   a. Provide comprehensive guides and resources on the portal to educate users about pet adoption, responsible pet ownership, and the adoption process.
   b. Offer customer support channels, such as live chat, email, or phone, to assist users with inquiries, guidance, and issue resolution throughout the adoption or selling process.

5. **Provide Education and Resources**:
   a. Create a section on the portal dedicated to educational resources, including articles, videos, and FAQs, covering various topics such as pet care, training, and behaviour.
   b. Collaborate with veterinary professionals or trainers to provide expert advice and guidance to users.

By implementing these solutions, the pet adoption and selling portal can enhance user experience, increase trust and engagement, and promote successful adoptions and sales.

CHAPTER 2

SOFWARE REQUIREMENT SPECIFICATION

2. Software Requirement Specification

1. Abstract:

The system is a pet adoption and selling portal that enables users to buy, sell, and adopt pets effortlessly. This platform incorporates a pet matching algorithm, leveraging user preferences to suggest the ideal pets for potential owners. Experience a seamless interface, transparent pet profiles, and a focus on responsible pet ownership.

2 Introduction

2.1 Purpose

The purpose of this document is to describe the external requirements for a pet adoption and selling portal It also describes the interfaces for the system.

2.2 Scope

This document is the only one that describes the requirements of the system. It is meant for use by the developers and will be the basis for validating the final delivered system. Any changes made to the requirements in the future will have to go through a formal change approval process. The developer is responsible for asking for clarifications, where necessary, and will not make any alterations without the permission of the client.

2.3 Definitions, Acronyms, Abbreviations

Not applicable.

2.4 References

Not applicable.

2.5 Developer's Responsibilities

The developer is responsible for (a) developing the system, (b) installing the software on the client's hardware, (c) conducting any user training that might be needed for using the system, and (d) maintaining the system for a period after installation.

3 General Description

3.1 Product Functions Overview

The system is to get the input data from the user that includes his lifestyle, climatic conditions and other preferences and maps with the pet attributes stored in the database and generates a compatibility score or preference score for each pet and lists it to the user. The user has the option to buy the pets. The user also can post his pet for sale in the system. The system includes a feature for posting the pets available for sponsorship or adoption and the user can choose it. The system allows community interaction between various users and allows the users to view and post community events. The system has a set of pet care tips and videos that are available to the user. The system also connects the user with the data about the closely available pet care centers or clinic.

3.2 User Characteristics

The main users of this system will be the public, who are interested in pets and are expecting a system with a GUI

3.3 General Constraints

Not applicable.

3.4 General Assumptions and Dependencies

Not applicable.

4. Functional Requirements

1. User Registration and Preference Input:

● This functionality allows users to create an account by providing their necessary details such as name, contact information, and preferences.

● Users can input their lifestyle information, climatic conditions, and other preferences for a pet through a user-friendly interface.

● The system stores this information for personalizing the pet matching process.

2. Matching Algorithm and Compatibility Score Calculation:

● The system employs an algorithm that compares the user's input data (preferences) with the attributes of available pets stored in the database.

● The algorithm identifies pets that match the user's preferences based on their attributes.

● A compatibility score or preference score is assigned to each matching pet to

quantify the level of compatibility between the pet and the user's preferences.

● The scoring mechanism considers factors like how closely the pet's attributes align with the user's preferences and weights the importance of different attributes based on the user's indicated priorities.

3. Displaying Matching Pets and Pet Availability:

● Once the matching algorithm and compatibility score calculation are completed, the system displays a list of pets that match the user's preferences.

● The list is sorted by the compatibility scores, with the most compatible pets displayed first.

● If no pets directly match the user's preferences, the system displays pets with relatively high compatibility scores.

● The system also handles ties in compatibility scores by displaying pets in a predetermined order, such as the storage schema.

● Pet availability is tracked to ensure that no two users can adopt or purchase the same pet at the same time. Pets are marked as unavailable once a user selects or adopts them.

CHAPTER 3

USE CASE MODEL

3. Use Case Model
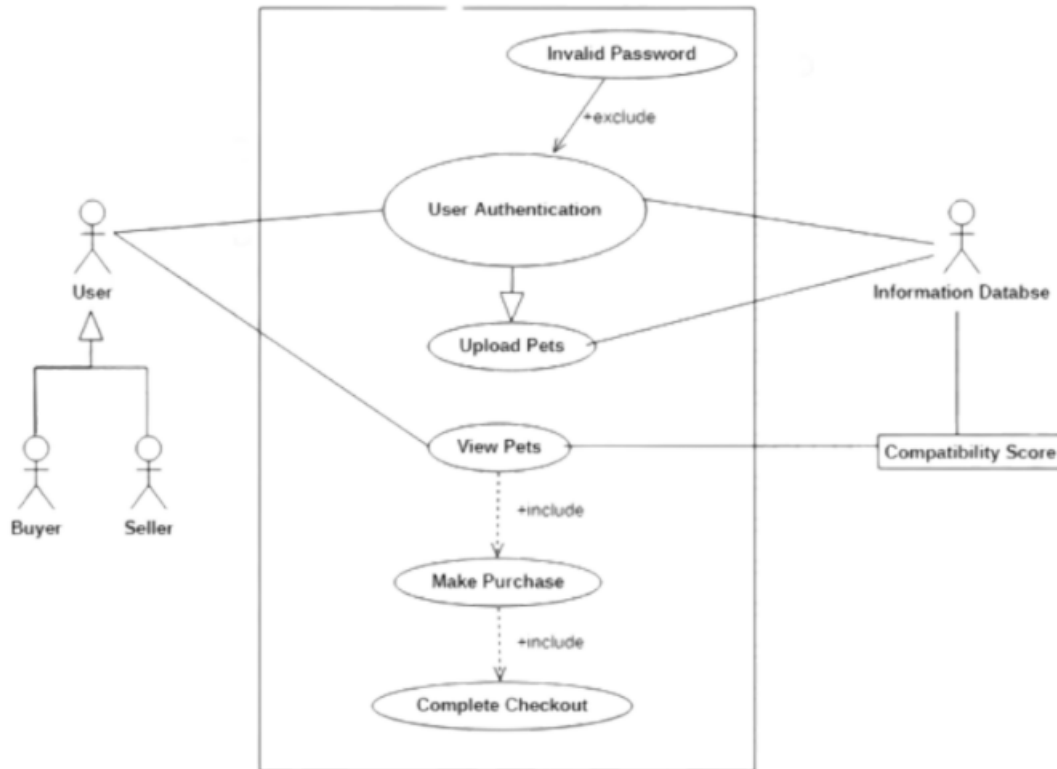
3.2 Use Case Description:

Use Case Name: Make Purchase

Actors: Buyer, Seller, System

Preconditions: The user is authenticated and has selected a pet to buy.

Main Flow:

1. The system calculates the compatibility score between the buyer and the pet based on their profiles and preferences.

2. Pet db returns a list of matching pets from the available sellers

3. Pet recommender displays the list of matching pets to the user with their details and photos

4. The system displays the compatibility score and the pet details to the

buyer.

5. The buyer confirms the purchase and enters their payment information.

6. The system validates the payment information and processes the transaction.

7. The system updates the information database and marks the pet as sold.

8. The system notifies the seller and the buyer of the successful purchase and provides them with each other's contact information.

9. The use case ends.

Postconditions:

The buyer owns the pet and can arrange for its delivery or pickup with the seller. The seller receives the payment and can rate the buyer.

Alternative Flows:

1. If the compatibility score is below a certain threshold, the system warns the buyer and asks them to reconsider their purchase or choose another pet.

2. If the buyer cancels the purchase at any point, the system returns them to the previous screen and restores the pet's availability status.

3. If the payment information is invalid or the transaction fails, the system displays an error message and asks the buyer to try again or use a different payment method.

4. Pet recommender asks the user some questions about their preferences and lifestyle

CHAPTER 4

DOMAIN CLASS DIAGRAM

4. Domain Class Diagram
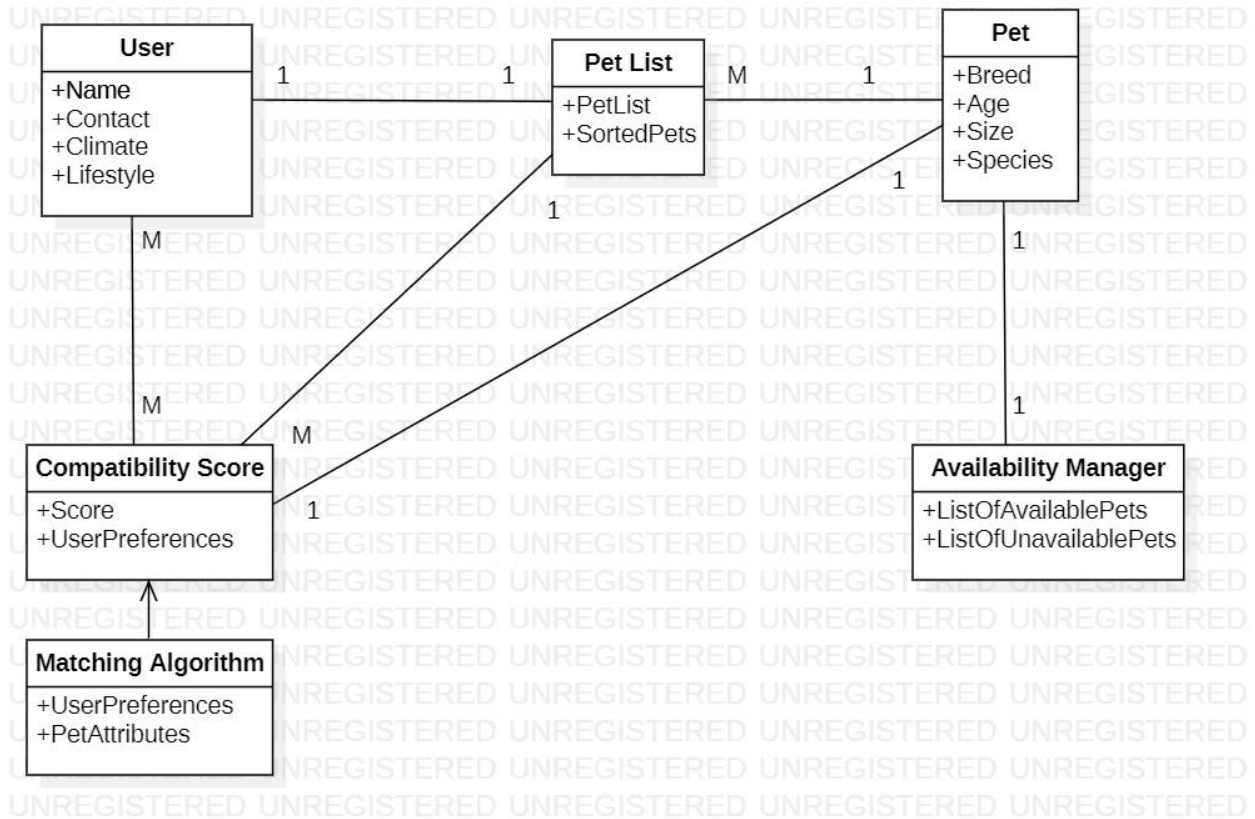
CHAPTER 5

GRAPHICAL USER INTERFACE

Dashboard
Survey
Add Pets
Orders
Pet
Logout

"

Adopt me, we both need the love

#PetAdoptionSlogans

Today's

Recommented Pets

No Pets Found

Today's

Pets for Adoption

Rottweiler

Seller mail : javagar@gmail.com

Compatibility Score : 75

BUY NOW

User Preference Survey

1. What is your daily time commitment for pet care?

○ Less than 30 minutes
○ 30 minutes to 1 hour
○ More than 1 hour

2. What is your living space like?

○ Apartment or Small Condo
○ House with a Yard
○ Rural Area with Open Space

3. How active is your lifestyle?

○ Very Active (Frequent outdoor activities)
○ Moderately Active (Some outdoor activities)
○ Sedentary (Minimal outdoor activities)

4. What are your personal preferences for pets?

☐ Dogs
☐ Cats
☐ Birds
☐ Reptiles

5. How often do you travel?

○ Frequently
○ Occasionally
○ Rarely
○ Never

6. How tolerant are you to noise?

○ Very Tolerant
○ Moderately Tolerant
○ Low Tolerance

Submit Survey

JA PETS

Dashboard
Survey
Add Pets
Orders
Pet
Logout

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Adopt me, we both need the love

#PetAdoptionSlogans

Sell	Buy

Pug
Seller mail : javagar@gmail.com

Buyer mail : javagar@gmail.com

CONFIRM   CANCEL

Egyptian Cat
Seller mail : javagar@gmail.com

Buyer mail : abai@gmail.com

ORDER CONFIRMED

Siamese Cat
Seller mail : javagar@gmail.com

Buyer mail : abai@gmail.com

ORDER CONFIRMED

JA PETS

Dashboard
Survey
Add Pets
Orders
Pet
Logout

99

Adopt me, we both need the love

#PetAdoptionSlogans

Your Pets
Pets

Rottweiler

₹0   REMOVE

Pug

₹0   REMOVE

CHAPTER 6

ENTITY RELATIONSHIP DIAGRAM

6.1 Create Entity Relationship Model from the problem statement.
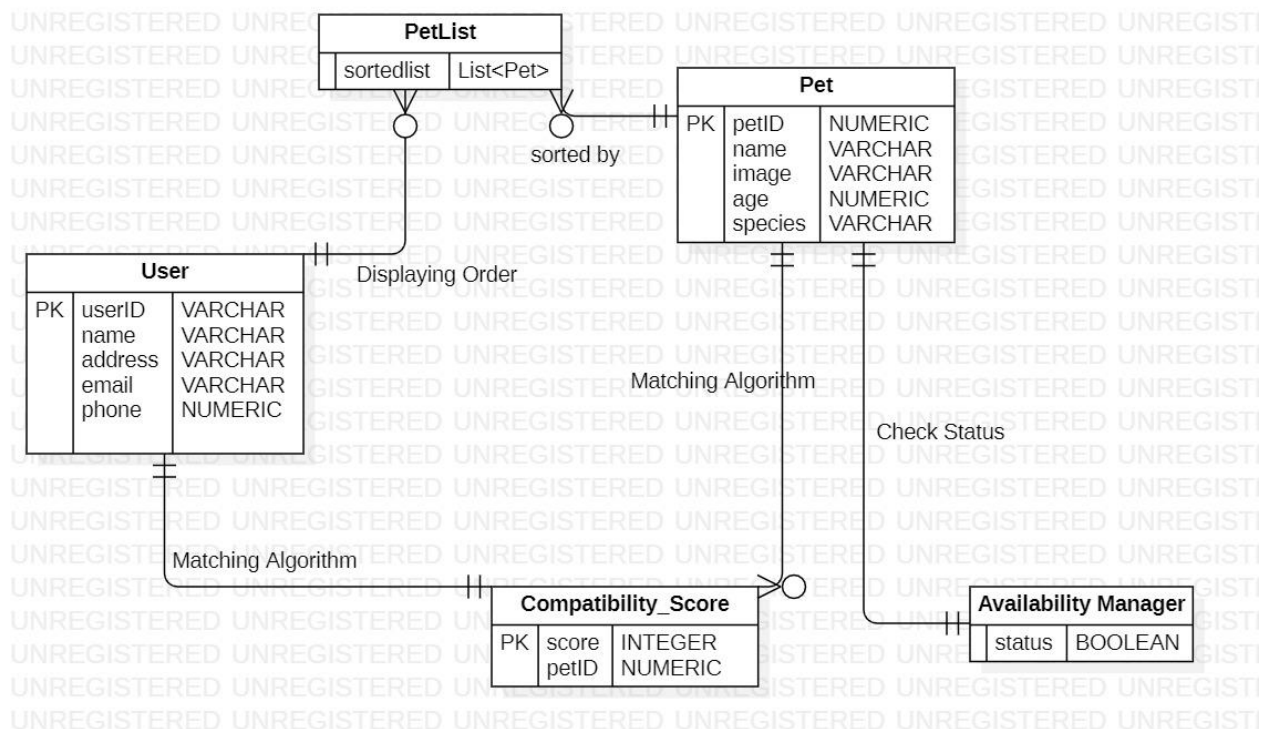
6.2 Convert E-R model to class diagram
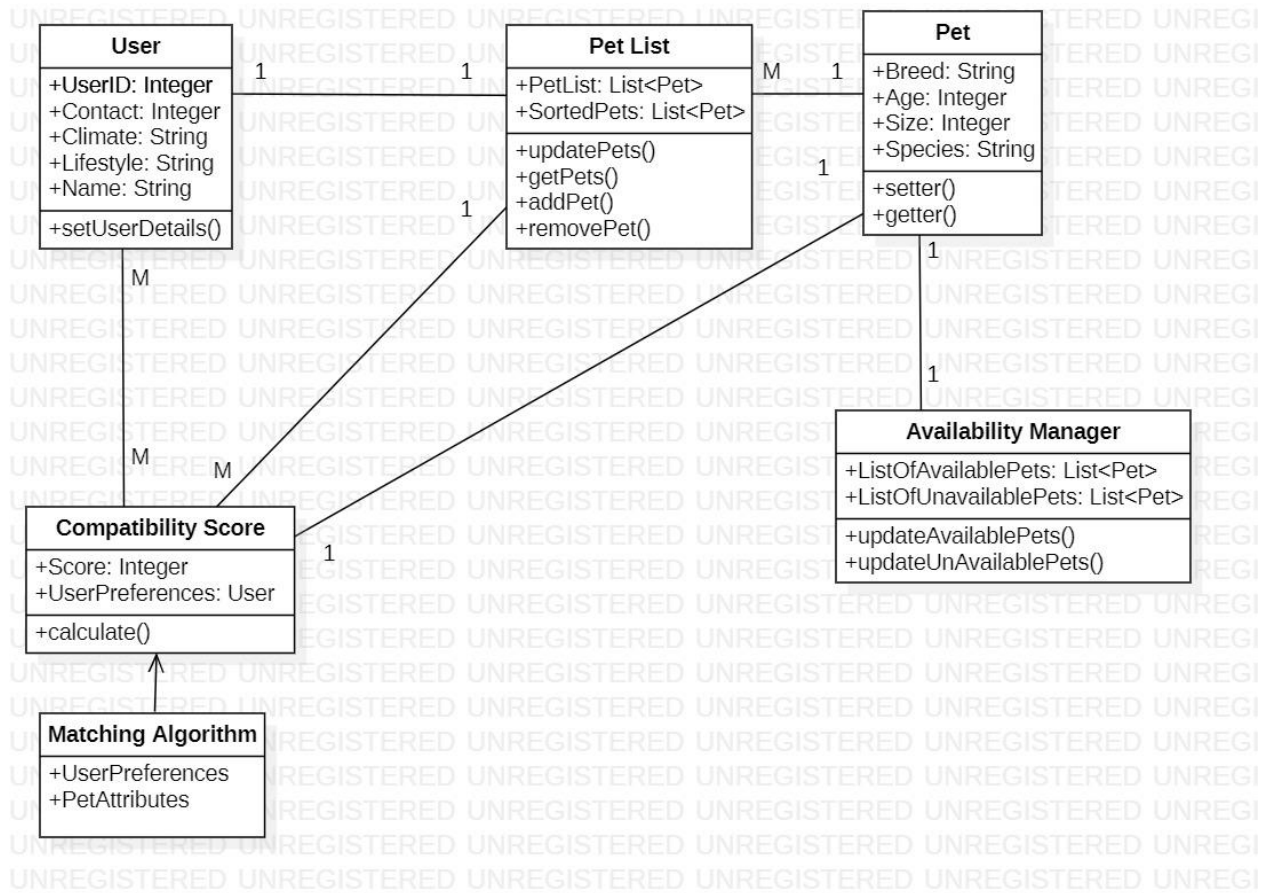
CHAPTER 7

ACTIVITY DIAGRAM

7. Activity Diagram
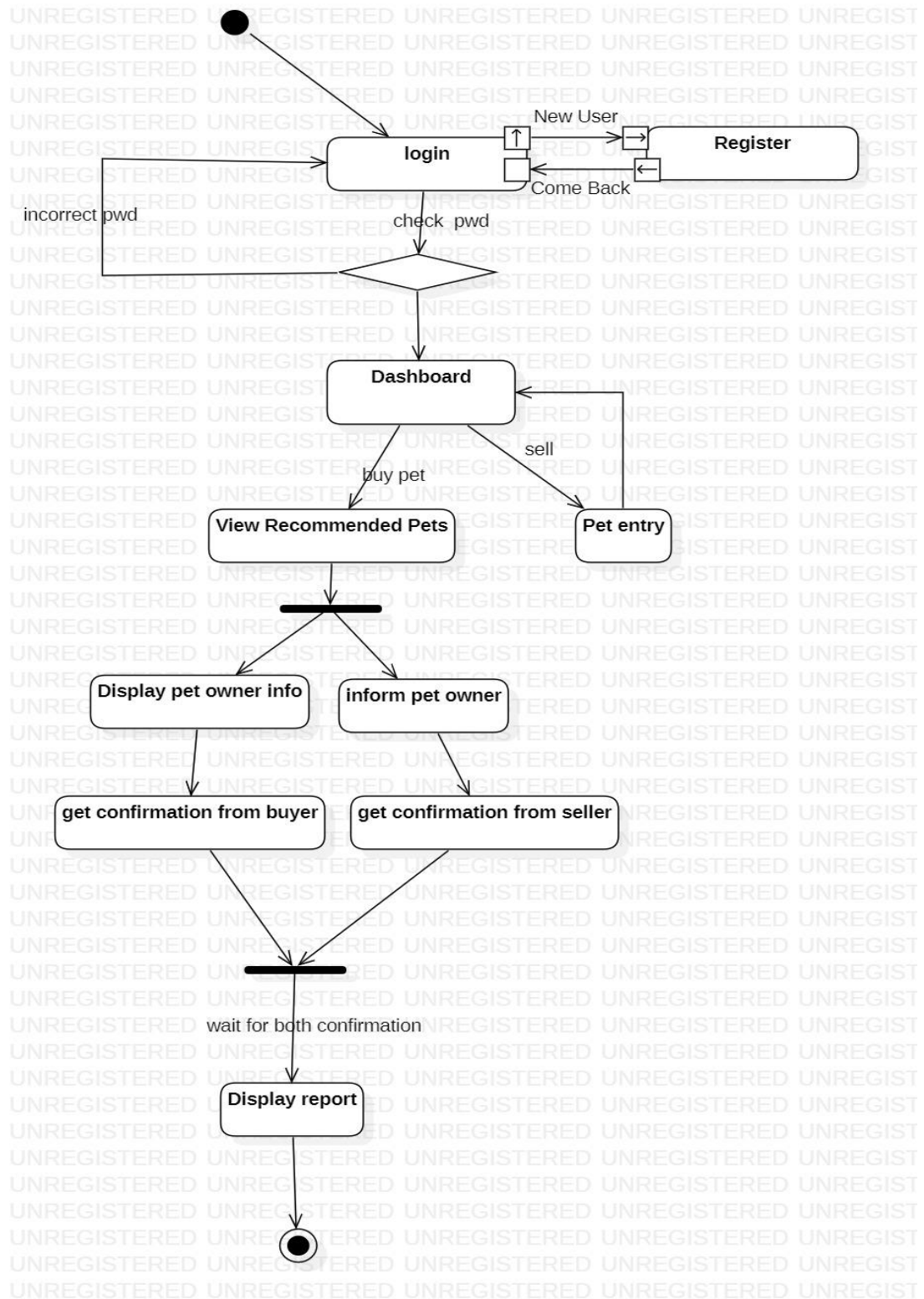
CHAPTER 8

STATE DIAGRAM

8. State Diagram
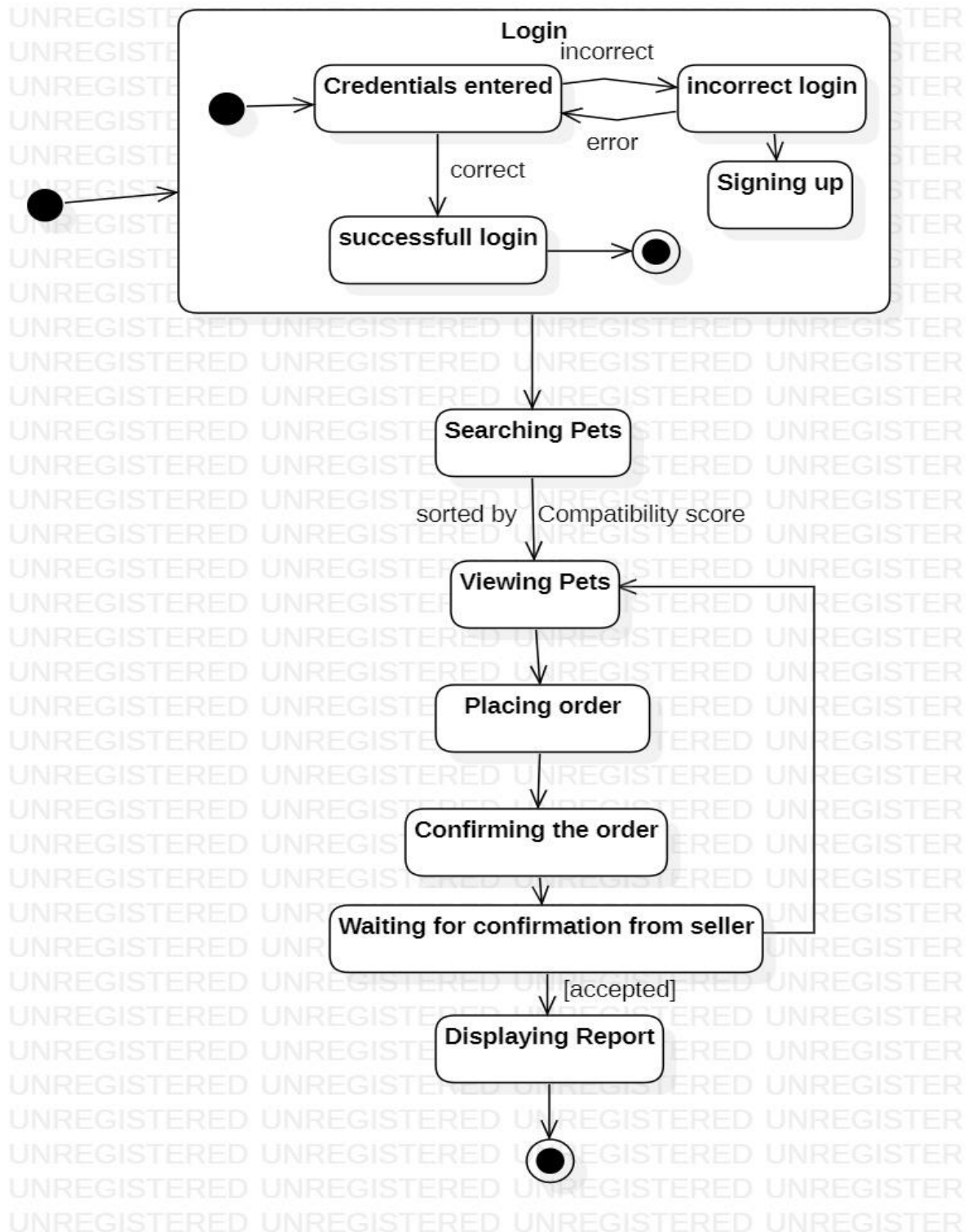
CHAPTER 9

SEQUENCE DIAGRAM

9. Sequence Diagram
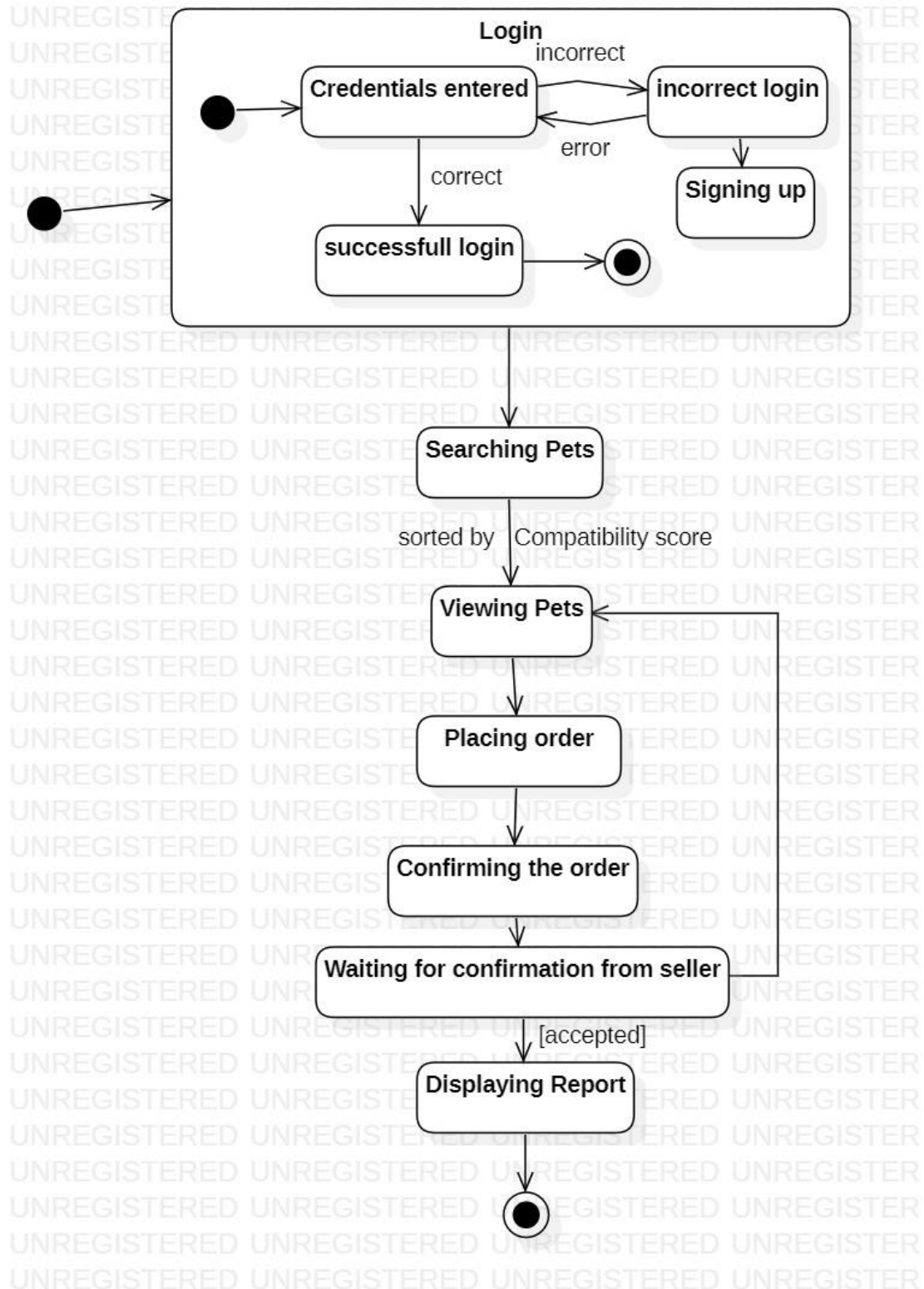
CHAPTER 10

DESIGN CLASS DIAGRAM

10. Design Class Diagram

User

+UserID: Integer
+Contact: Integer
+Climate: String
+Lifestyle: String
+Name: String

+setUserDetails()

Pet List

+PetList: List<Pet>
+SortedPets: List<Pet>

+updatePets()
+getPets()
+addPet()
+removePet()

Pet

+Breed: String
+Age: Integer
+Size: Integer
+Species: String

+setter()
+getter()

Availability Manager

+ListOfAvailablePets: List<Pet>
+ListOfUnavailablePets: List<Pet>

+updateAvailablePets()
+updateUnAvailablePets()

Compatibility Score

+Score: Integer
+UserPreferences: User

+calculate()

Matching Algorithm

+UserPreferences
+PetAttributes

CHAPTER 11

TESTING

11. Testing
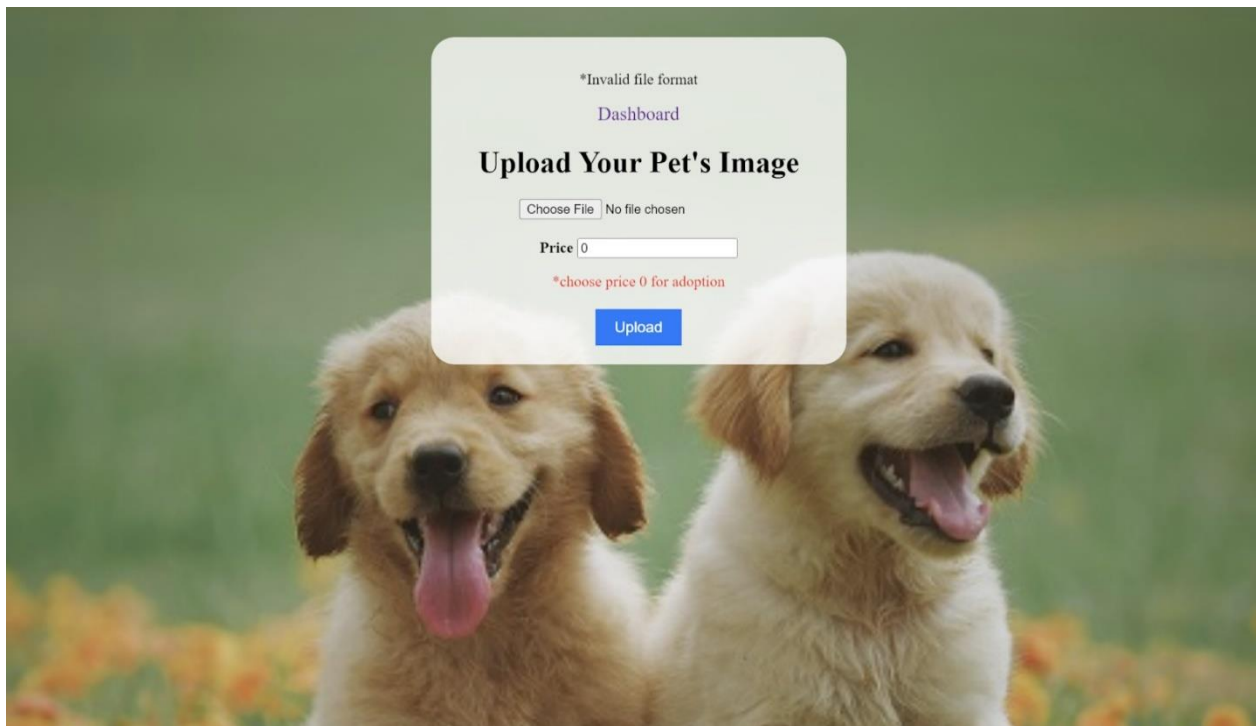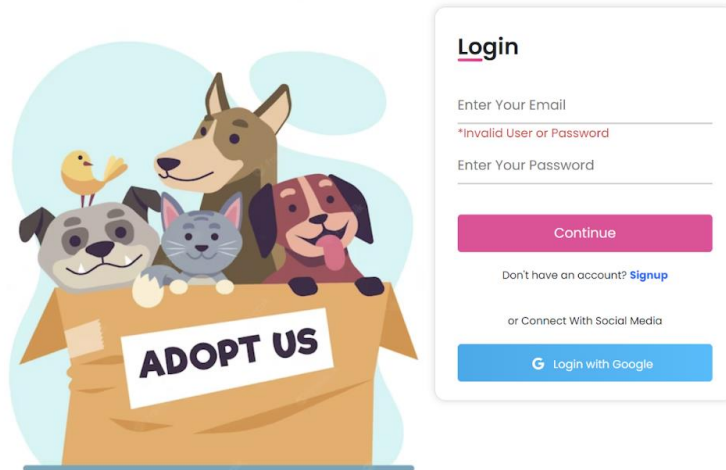
CHAPTER 12

CODE

```
APP.PY
from Classes import *
from Model import *
from flask import Flask, jsonify, request, render_template, session, redirect, url_for,
send_from_directory
from flask_cors import CORS
from datetime import datetime
from ML import *
import os
from PIL import *


app = Flask(__name__)
app.secret_key = 'QWJhaWt1bWFyIEk='
UPLOAD_FOLDER = 'uploads'
app.config['UPLOAD_FOLDER'] = UPLOAD_FOLDER
CORS(app)


ALLOWED_EXTENSIONS = {'jpg', 'jpeg', 'png', 'webp'}



def allowed_file(filename):
    return '.' in filename and filename.rsplit('.', 1)[1].lower() in ALLOWED_EXTENSIONS



@app.route("/", methods=["POST", "GET"])
def signup():
    if session and session['username']:
        return redirect(url_for('dashboard'))
    elif request.method == "GET":
        return render_template("signup.html", msg=None)
    else:
        usr = User(request.form["mail"], request.form["pwd"])
        if data.createAccount(request.form["mail"], usr):
            return redirect(url_for('login'))
        else:
```

```python
                return render_template("signup.html", msg="Account already exists")


@app.route("/login", methods=["POST", "GET"])
def login():
    if request.method == "GET":
        if session and session['username']:
            return redirect(url_for('dashboard'))
        return render_template("login.html", msg=None)
    else:
        if data.loginAccount(request.form["mail"], request.form["pwd"]) == True:
            session['username'] = request.form["mail"]
            return redirect(url_for('dashboard'))
        else:
            return render_template("login.html", msg="Invalid User or Password")


@app.route("/survey", methods=["POST", "GET"])
def survey():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    elif request.method == "POST":
        time_commitment = request.form.get('time_commitment')
        living_space = request.form.get('living_space')
        activity_level = request.form.get('activity_level')
        preferences = request.form.getlist('preferences')
        travel_frequency = request.form.get('travel_frequency')
        noise_tolerance = request.form.get('noise_tolerance')
        username = session.get('username')
        usrsurvey = Usersurvey(time_commitment, living_space,
                               activity_level, preferences, travel_frequency,
noise_tolerance)
        data.updatesurvey(username, usrsurvey)
        return redirect(url_for('dashboard'))
    else:
        return render_template("survey.html")


@app.route('/logout')
def logout():
```

```python
        if session is None or session.get('username') is None:
            return redirect(url_for('login'))
        session.pop('username', None)  # Remove the 'username' from the session
        # Redirect to the login page or another page of your choice
        return redirect(url_for('login'))




@app.route("/upload", methods=["POST", "GET"])
def upload():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    elif 'petImage' not in request.files:
        return redirect(request.url)


    file = request.files['petImage']
    price = request.form['price']
    file_extension = file.filename.rsplit('.', 1)[1].lower()
    image_id = datetime.now().strftime('%Y-%m-%d_%H-%M-%S')
    new_file_name = f'{image_id}-{session.get("username")}.{file_extension}'


    # Save the uploaded file with the new name
    file_path = os.path.join(app.config['UPLOAD_FOLDER'], new_file_name)
    file.save(file_path)
    breed = ml.predict_breed_and_habits(file_path)
    print("Breed from ML code  : ", breed)
    data.uploadpet(image_id, breed, session['username'], file_path, price)
    return redirect(url_for('dashboard'))




@app.route('/static/<path:filename>')
def static_file(filename):
    return app.send_static_file(filename)




@app.route('/dashboard')
def dashboard():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    return render_template("dashboard.html")
```

```python
@app.route('/addPets')
def addPets():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    return render_template("petupload.html")




@app.route('/getRecommended', methods=["POST", "GET"])
def getRecommended():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    return jsonify(data.getMatchedPets(session.get('username')))




@app.route('/getAdoption', methods=["POST", "GET"])
def getAdoption():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    return jsonify(data.getAdoptionPets(session.get('username')))




@app.route('/uploads/<path:filename>')
def getPetImage(filename):
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    return send_from_directory(UPLOAD_FOLDER, filename)




@app.route('/confirmation', methods=["GET"])
def confirmation():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    data.confirm(session.get('username'), request.args.get("id"))
    return redirect(url_for('dashboard'))




@app.route('/confirm1', methods=["GET"])
def confirm1():
    if session is None or session.get('username') is None:
```

```python
        return redirect(url_for('login'))
    data.sellerConfirm(request.args.get("id"))
    return redirect(url_for('orders'))




@app.route('/confirm2', methods=["GET"])
def confirm2():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    data.buyerConfirm(request.args.get("id"))
    return redirect(url_for('orders'))




@app.route('/cancel1', methods=["GET"])
def cancel1():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    data.sellerCancel(request.args.get("id"))
    return redirect(url_for('orders'))




@app.route('/cancel2', methods=["GET"])
def cancel2():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    data.buyerCancel(request.args.get("id"))
    return redirect(url_for('orders'))




@app.route('/orders', methods=["GET"])
def orders():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    return render_template("orders.html")




@app.route('/getOrders', methods=["POST", "GET"])
def order():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
```

```python
        return jsonify(data.orderList(session['username']))




@app.route("/admin", methods=["POST", "GET"])
def admin():
    if request.method == "POST":
        breed = request.form.get('breed')
        time_commitment = request.form.get('time_commitment')
        living_space = request.form.get('living_space')
        activity_level = request.form.get('activity_level')
        preferences = request.form.getlist('preferences')
        travel_frequency = request.form.get('travel_frequency')
        noise_tolerance = request.form.get('noise_tolerance')
        pet = petsurveyupdate(breed, time_commitment, living_space,
                              activity_level, preferences, travel_frequency,
noise_tolerance)
        data.updatebreed(breed, pet)
        return redirect(url_for('admin'))
    else:
        return render_template("admin.html")




@app.route('/remove', methods=["GET"])
def remove():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    data.remove(request.args.get("id"))
    return redirect(url_for('sell'))




@app.route('/sell', methods=["GET"])
def sell():
    if session is None or session.get('username') is None:
        return redirect(url_for('login'))
    return render_template("sell.html")




@app.route('/getsell', methods=["POST", "GET"])
def getsell():
    if session is None or session.get('username') is None:
```

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```python
            return redirect(url_for('login'))
    return jsonify(data.getsell(session.get('username')))



if __name__ == "__main__":
    app.run(debug=True)



CLASSES.PY
class User:
    def __init__(self, mail, pwd):
        self.name = mail
        self.mail = mail
        self.pwd = pwd
        self.contact = ""



class Usersurvey:
    def __init__(self, time_commitment, living_space,
                 activity_level, preferences, travel_frequency, noise_tolerance):
        self.time_commitment = time_commitment
        self.living_space = living_space
        self.activity_level = activity_level
        self.preferences = preferences
        self.travel_frequency = travel_frequency
        self.noise_tolerance = noise_tolerance



class petsurveyupdate():
    def __init__(self, petbreed, time_commitment, living_space,
                 activity_level, preferences, travel_frequency, noise_tolerance):
        self.name = ''
        self.pet = petbreed
        self.time_commitment = time_commitment
        self.living_space = living_space
        self.activity_level = activity_level
        self.preferences = preferences
        self.travel_frequency = travel_frequency
        self.noise_tolerance = noise_tolerance
```

```python
class CompatibilityScore:
    def __init__(self):
        self.score = 0


    def calculate(self, survey, pet_survey):
        self.score = 0
        self.score += 30 if survey['time_commitment'].strip(
            ) == pet_survey['time_commitment'].strip() else 15
        self.score += 15 if survey['living_space'].strip(
            ) == pet_survey['living_space'].strip() else 7.5
        self.score += 10 if survey['activity_level'].strip(
            ) == pet_survey['activity_level'].strip() else 5
        self.score += 20 if survey['travel_frequency'].strip(
            ) == pet_survey['travel_frequency'].strip() else 10
        self.score += 25 if survey['noise_tolerance'].strip(
            ) == pet_survey['noise_tolerance'].strip() else 12.5
        return self.score



sc = CompatibilityScore()

ML.PY
import numpy as np
from PIL import *
from tensorflow.keras.applications import MobileNetV2
from tensorflow.keras.applications.mobilenet_v2 import preprocess_input,
decode_predictions
from tensorflow.keras.preprocessing import image



class MatchingAlgorithm:
    # Load the pre-trained MobileNetV2 model
    def __init__(self):
        self.model = MobileNetV2(weights='imagenet')


    # Function to predict breed and habits
    def predict_breed_and_habits(self, image_path):
        img = image.load_img(image_path, target_size=(224, 224))
        img_array = image.img_to_array(img)
```

```python
        img_array = preprocess_input(img_array)
        img_array = np.expand_dims(img_array, axis=0)

        predictions = self.model.predict(img_array)
        decoded_predictions = decode_predictions(predictions)[0]

        # Extract the top prediction
        top_prediction = decoded_predictions[0]
        breed = top_prediction[1].replace("_", " ")

        return breed.title()

ml = MatchingAlgorithm()

MODEL.PY
from tkinter import Image
from pymongo import MongoClient
from Classes import *

class Data:
    def __init__(self):
        self.client = MongoClient("mongodb://localhost:27017/")
        self.database = self.client["Pet_Adoption"]
        self.userCollection = self.database["Users"]
        self.breedCollection = self.database["Breeds"]
        self.petCollection = self.database["Pets"]
        self.orderCollection = self.database["Order"]

    def getMatchedPets(self, mail):

        query = {"mail": mail}
        result = self.userCollection.find_one(query)
        pets = self.petCollection.find()

        if result['survey'] == None:
            return [[0, {
                "id": x["_id"],
                "breed": pets['pet'],
                "image": str(x["image_data"]).replace('\\', '/'),
                "seller_email": x["email"],
```

```python
                "score": 0
        }] for x in pets][:5]
    pet_details = []
    survey = result['survey']


    for pet in pets:
        if int(pet["price"]) <= 0:
            continue
        a = 0
        pet_survey = self.breedCollection.find_one(
            {"name": pet['breed']})['pet']


        if pet['breed'] == "JA Pets":
            b = {
                "id": pet["_id"],
                "breed": str(pet_survey['pet']),
                "image": str(pet["image_data"]).replace('\\', '/'),
                "seller_email": pet["email"],
                "score": a,
                "price": pet["price"]
            }
            pet_details.append(b)
            continue


        if pet_survey['preferences'] not in survey['preferences']:
            continue


        a = sc.calculate(survey, pet_survey)


        b = {
            "id": pet["_id"],
            "breed": str(pet_survey['pet']),
            "image": str(pet["image_data"]).replace('\\', '/'),
            "seller_email": pet["email"],
            "score": a,
            "price": pet["price"]
        }
        pet_details.append(b)
    return sorted(pet_details, key=lambda x: x['score'], reverse=True)[:5]
```

```python
def getAdoptionPets(self, mail):
    query = {"mail": mail}
    result = self.userCollection.find_one(query)
    pets = self.petCollection.find()

    if result['survey'] == None:
        return [[0, {
            "id": x["_id"],
            "breed": pets['pet'],
            "image": str(x["image_data"]).replace('\\', '/'),
            "seller_email": x["email"],
            "score": 0
        }] for x in pets][:5]
    pet_details = []
    survey = result['survey']

    for pet in pets:
        if int(pet["price"]) != 0:
            continue
        a = 0
        pet_survey = self.breedCollection.find_one(
            {"name": pet['breed']})['pet']

        if pet['breed'] == "JA Pets":
            b = {
                "id": pet["_id"],
                "breed": str(pet_survey['pet']),
                "image": str(pet["image_data"]).replace('\\', '/'),
                "seller_email": pet["email"],
                "score": a,
            }
            pet_details.append(b)
            continue

        if pet_survey['preferences'] not in survey['preferences']:
            continue
        pet_survey = self.breedCollection.find_one(
            {"name": pet['breed']})['pet']
```

```python
        a = sc.calculate(survey, pet_survey)

        b = {
            "id": pet["_id"],
            "breed": str(pet_survey['pet']),
            "image": str(pet["image_data"]).replace('\\', '/'),
            "seller_email": pet["email"],
            "score": a,
        }
        pet_details.append(b)
    return sorted(pet_details, key=lambda x: x['score'], reverse=True)


def createAccount(self, mail, usrObj):
    user_document = {
        "mail": mail,
        "user": usrObj.__dict__
    }
    if (self.userCollection.find_one({"mail": mail}) == None):
        self.userCollection.insert_one(user_document)
        return True
    else:
        return False


def loginAccount(self, mail, pwd):
    query = {"mail": mail}
    result = self.userCollection.find_one(query)

    if result:
        mail = result.get("mail")
        user = result.get("user")
        if user['pwd'] == pwd:
            return True
    return False


def updatesurvey(self, mail, usrsurvey):
    query = {"mail": mail}
    result = self.userCollection.find_one(query)
    if result:
        temp = result.get("user")
        user_document = {
```

```python
                "mail": result.get("mail"),
                "user": temp,
                "survey": usrsurvey.__dict__
            }
            self.userCollection.delete_one(query)
            self.userCollection.insert_one(user_document)


    def updatebreed(self, breed, breedsurvey):
        breed_document = {
            "name": breed,
            "pet": breedsurvey.__dict__
        }
        self.breedCollection.insert_one(breed_document)


    def uploadpet(self, imageid, breed, username, imageURL, price):
        query = {"name": breed}
        result = self.breedCollection.find_one(query)
        if (result != None):
            image_document = {
                "_id": imageid,
                "email": username,
                "image_data": imageURL,
                "breed": breed,
                "price": price,
            }
            self.petCollection.insert_one(image_document)
        else:
            query = {"name": "JA Pets"}
            result = self.breedCollection.find_one(query)
            image_document = {
                "_id": imageid,
                "email": username,
                "image_data": imageURL,
                "breed": "JA Pets",
                "price": price,
            }
            self.petCollection.insert_one(image_document)


    def confirm(self, username, pet_id):
        query = {"_id": pet_id}
```

```python
        result = self.petCollection.find_one(query)

        order_document = {
            "_id": pet_id,
            "buyer": username,
            "seller": result.get("email"),
            "pet_data": result,
            "seller_confirm": "no",
            "buyer_confirm": "no"
        }
        self.orderCollection.insert_one(order_document)
        self.petCollection.delete_one(result)

    def sellerConfirm(self, pet_id):
        query = {"_id": pet_id}

        update = {
            "$set": {
                "seller_confirm": "yes"
            }
        }
        self.orderCollection.update_one(query, update)

    def buyerConfirm(self, pet_id):
        query = {"_id": pet_id}

        update = {
            "$set": {
                "buyer_confirm": "yes"
            }
        }
        self.orderCollection.update_one(query, update)

    def sellerCancel(self, pet_id):
        query = {"_id": pet_id}
        result = self.orderCollection.find_one(query)
        self.petCollection.insert_one(result.get("pet_data"))
        self.orderCollection.delete_one(query)

    def buyerCancel(self, pet_id):
```

```python
        query = {"_id": pet_id}
        result = self.orderCollection.find_one(query)
        self.petCollection.insert_one(result.get("pet_data"))
        self.orderCollection.delete_one(query)


    def remove(self, pet_id):
        query = {"_id": pet_id}
        self.petCollection.delete_one(query)


    def getsell(self, mail):

        query = {"email": mail}
        result = self.petCollection.find(query)


        pet_details = []
        for pet in result:
            b = {
                "id": pet["_id"],
                "breed": pet["breed"],
                "seller": pet["email"],
                "image": str(pet["image_data"]).replace('\\', '/'),
                "price": pet["price"]
            }
            pet_details.append(b)
        return pet_details

    def orderList(self, mail):
        query = {"seller": mail}
        cursor = self.orderCollection.find(query)
        sell_list = []
        # Retrieve and store matching documents in a list
        data_list = list(cursor)
        for d in data_list:
            doc = {
                "id": d.get("_id"),
                "seller": d.get("seller"),
                "buyer": d.get("buyer"),
                "seller_confirm": d.get("seller_confirm"),
                "buyer_confirm": d.get("buyer_confirm"),
                "image": str(d.get("pet_data")["image_data"]).replace('\\', '/'),
```

```
                    "price": (d.get("pet_data")["price"]),
                    "breed": (d.get("pet_data")["breed"])
                }
                sell_list.append(doc)


        query = {"buyer": mail}
        cursor = self.orderCollection.find(query)
        buylist = []
        # Retrieve and store matching documents in a list
        data_list1 = list(cursor)
        for d in data_list1:
            doc = {
                "id": d.get("_id"),
                "seller": d.get("seller"),
                "buyer": d.get("buyer"),
                "seller_confirm": d.get("seller_confirm"),
                "buyer_confirm": d.get("buyer_confirm"),
                "image": str(d.get("pet_data")["image_data"]).replace('\\', '/'),
                "price": (d.get("pet_data")["price"]),
                "breed": (d.get("pet_data")["breed"])
            }
            buylist.append(doc)


        return list(reversed(sell_list)), list(reversed(buylist))



data = Data()


ADMIN.HTML
<!DOCTYPE html>
<html>


<head>
    <meta charset="UTF-8">
    <title>Breed Selection Survey</title>
    <link rel="icon" href="./images/favicon.ico" type="image/x-icon">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet"
```

```
            integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
    <script src="https://kit.fontawesome.com/a076d05399.js"></script>
    <link rel="icon" href="{{ url_for('static',filename='./images/favicon.ico') }}"
type="image/x-icon">
    <link rel="stylesheet" href="{{ url_for('static',
filename='authentication_style.css') }}">
    <style>
        .container {
            max-width: 500px;
            opacity: 0.7;
            margin: 10px;
        }

        .container form .title:before {
            width: 75px;
        }

        body {
            background-image: url('/static/images/dog_adopt.jpg');
            padding: 20px;
            background-size: cover;
            animation-name: none;
        }

        .container .option {
            font-size: 14px;
            text-align: start;
            margin: 10px 10px 10px 50px;
        }
    </style>
    <script defer>

        document.addEventListener('DOMContentLoaded', function () {
            const myElement = document.getElementsByTagName('body')[0]; // Access the
first body element
            const imageUrls = [
                'static/images/dog_adopt.jpg',
                'static/images/cat_adopt.jpg',
```

```
                ];
                let currentIndex = 0;

                // Function to change the background image URL
                function changeBackgroundImage() {
                    myElement.style.backgroundImage = `url("${imageUrls[currentIndex]}")`;
// Use template literals
                    currentIndex = (currentIndex + 1) % imageUrls.length;
                }

                // Call the function initially and then at a 10-second interval
                changeBackgroundImage(); // Change immediately
                setInterval(changeBackgroundImage, 10000); // 10000 milliseconds = 10
seconds
        });

    </script>
</head>


<body>
    <div class="container">
        <form action="admin" method="post">
            <div class="title">Breed Survey</div>
            <div class="radioContainer">
                <input type="text" placeholder="Enter Breed" name="breed" required />
                <p>1. What is your daily time commitment for pet care?</p>
                <div class="options">
                    <div class="option">
                        <input type="radio" name="time_commitment" value="Less than 30
minutes"> Less than 30 minutes
                    </div>
                    <div class="option">
                        <input type="radio" name="time_commitment" value="30 minutes to
1 hour"> 30 minutes to 1 hour
                    </div>
                    <div class="option">
                        <input type="radio" name="time_commitment" value="More than 1
hour"> More than 1 hour
                    </div>
                </div>
```

```
                    </div>
                    <!-- radioContainer 2 -->
                    <div class="radioContainer">
                        <p>2. What is your living space like?</p>
                        <div class="options">
                            <div class="option">
                                <input type="radio" name="living_space" value="Apartment or
Small Condo"> Apartment or Small
                                    Condo
                            </div>
                            <div class="option">
                                <input type="radio" name="living_space" value="House with a
Yard"> House with a Yard
                            </div>
                            <div class="option">
                                <input type="radio" name="living_space" value="Rural Area with
Open Space"> Rural Area with Open
                                    Space
                            </div>
                        </div>
                    </div>

                    <!-- radioContainer 4 -->
                    <div class="radioContainer">
                        <p>3. How active is your lifestyle?</p>
                        <div class="options">
                            <div class="option">
                                <input type="radio" name="activity_level" value="Very Active
(Frequent outdoor activities)">
                                    Very Active (Frequent outdoor activities)
                            </div>
                            <div class="option">
                                <input type="radio" name="activity_level" value="Moderately
Active (Some outdoor activities)">
                                    Moderately Active (Some outdoor activities)
                            </div>
                            <div class="option">
                                <input type="radio" name="activity_level" value="Sedentary
(Minimal outdoor activities)">
                                    Sedentary (Minimal outdoor activities)
```

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```
                            </div>
                        </div>
                    </div>

                    <!-- radioContainer 8 -->
                    <div class="radioContainer">
                        <p>4. What are your personal preferences for pets?</p>
                        <div class="options">
                            <div class="options">
                                <div class="option">
                                    <input type="radio" name="preferences" value="Dogs"> Dogs
                                </div>
                                <div class="option">
                                    <input type="radio" name="preferences" value="Cats"> Cats
                                </div>
                                <div class="option">
                                    <input type="radio" name="preferences" value="Birds"> Birds
                                </div>
                                <div class="option">
                                    <input type="radio" name="preferences" value="Reptiles">
Reptiles
                                </div>
                            </div>
                            <!-- Add more options based on personal preferences -->
                        </div>
                    </div>
                    <!-- radioContainer 9 -->
                    <div class="radioContainer">
                        <p>5. How often do you travel?</p>
                        <div class="options">
                            <div class="option">
                                <input type="radio" name="travel_frequency" value="Frequently">
Frequently
                            </div>
                            <div class="option">
                                <input type="radio" name="travel_frequency"
value="Occasionally"> Occasionally
                            </div>
                            <div class="option">
```

```
                                    <input type="radio" name="travel_frequency" value="Rarely">
Rarely
                    </div>
                    <div class="option">
                        <input type="radio" name="travel_frequency" value="Never">
Never
                    </div>
                </div>
            </div>

            <!-- radioContainer 10 -->
            <div class="radioContainer">
                <p>6. How tolerant are you to noise?</p>
                <div class="options">
                    <div class="option">
                        <input type="radio" name="noise_tolerance" value="Very
Tolerant"> Very Tolerant
                    </div>
                    <div class="option">
                        <input type="radio" name="noise_tolerance" value="Moderately
Tolerant"> Moderately Tolerant
                    </div>
                    <div class="option">
                        <input type="radio" name="noise_tolerance" value="Low
Tolerance"> Low Tolerance
                    </div>
                </div>
            </div>
            <div class="input-box button">
                <input type="submit" name="" value="Submit Survey" />
            </div>
        </form>
    </div>
</body>

</html>
authenticate_template.html
<!DOCTYPE html>
<html lang="en" dir="ltr">
```

```html
<head>
  <meta charset="UTF-8" />
  {% block title %}{% endblock title %}
  <link rel="icon" href="{{ url_for('static',filename='./images/favicon.ico') }}"
type="image/x-icon">
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.min.js"></script>
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <script src="https://kit.fontawesome.com/a076d05399.js"
crossorigin="anonymous"></script>
  <link rel="stylesheet" href="{{ url_for('static',
filename='authentication_style.css') }}">
</head>


<body>
  {% block content %}{% endblock content %}
</body>


</html>
Dashboard.html
<!DOCTYPE html>
<html>


<head>
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.min.js"></script>
  <script src="{{ url_for('static', filename='hidden_script.js') }}"></script>
  <link rel="stylesheet" href="{{ url_for('static', filename='dashboard_style.css')
}}">
  <link rel="stylesheet" href="{{ url_for('static',
filename='dashboard_styleguide.css') }}">
  <link rel="icon" href="{{ url_for('static',filename='./images/favicon.ico') }}"
type="image/x-icon">
</head>


<body>
```

```
    <div id="alert"></div>
    <div class="user-dashboard">
      <div class="div">
        <div class="overlap">
          <div class="overlap-group">
            <img class="line-2" src="{{ url_for('static', filename='images/line-4.svg')
}}" />
            <div class="line-3"></div>
          </div>
          <div class="frame">
            <a href="{{ url_for('dashboard') }}">Dashboard</a>
            <p style="font-size: 18px;"><a href="{{ url_for('survey') }}" style="text-
decoration-line: none;">Survey</a>
            </p>
            <p style="font-size: 18px;"><a href="{{ url_for('addPets') }}" style="text-
decoration-line: none;">Add
                Pets</a>
            </p>
            <p style="font-size: 18px;"><a href="{{ url_for('orders') }}" style="text-
decoration-line: none;">Orders</a>
            </p>
            <p style="font-size: 18px;"><a href="{{ url_for('sell') }}" style="text-
decoration-line: none;">Pet</a>
            </p>
            <a href="/logout">Logout</a>
          </div>
          <img class="image" src="{{ url_for('static', filename='images/banner.jpg') }}"
/>
      </div>
      <article style="position: absolute;top:600px">
        <main style="position:relative;width: 70%;left: 20%;">
          <div class="row">
            <div class="container">
              <div>
                <div class="rectangle"></div>
                <div class="text-wrapper-1">Today's</div>
              </div>
              <div class="text-wrapper-2">Recommented Pets</div>
            </div>
            <section id="recommend">
```
45

```
            </section>
          </div>
        </main>

        <main style="position:relative;width: 70%;left: 20%;">
          <div class="row">
            <div class="container">
              <div>
                <div class="rectangle"></div>
                <div class="text-wrapper-1">Today's</div>
              </div>
              <div class="text-wrapper-2">Pets for Adoption</div>
            </div>
            <section id="adopt">
            </section>
          </div>
        </main>
      </article>

      <div class="header">
        <div class="header-2">
          <div class="frame-21">
            <div class="logo">
              <div class="exclusive-2 text-danger">JA PETS</div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</body>

</html>
Login.html
{% extends "authenticate_template.html" %}

{% block title %}
<title>Login</title>
{% endblock title %}
```

```
{% block content %}
<div class="container">
  <form action="login" method="POST">
    <div class="title">Login</div>
    <div class="input-box underline">
      <input type="text" placeholder="Enter Your Email" name="mail" required />
      <div class="underline"></div>
      {% if msg %}
      <p class="text-danger">*{{ msg }}</p>
      {% endif %}
    </div>
    <div class="input-box">
      <input type="password" placeholder="Enter Your Password" name="pwd" required />
      <div class="underline"></div>
    </div>
    <div class="input-box button">
      <input type="submit" name="" value="Continue" />
    </div>
    <p style="text-align: center;font-size: 14px;">Don't have an account? <a href="{{
url_for('signup') }}"
        style="text-decoration-line: none;"><b>Signup</b></a></p>
  </form><br>
  <div class="option">or Connect With Social Media</div>
  <div class="google" style="text-align: center;">
    <a href="#"><i style="color: white;"><svg xmlns="http://www.w3.org/2000/svg"
width="16" height="16"
          fill="currentColor" class="bi bi-google" viewBox="0 0 16 16">
          <path
            d="M15.545 6.558a9.42 9.42 0 0 1 .139 1.626c0 2.434-.87 4.492-2.384
5.885h.002C11.978 15.292 10.158 16 8 16A8 8 0 1 1 8 0a7.689 7.689 0 0 1 5.352 2.082l-
2.284 2.284A4.347 4.347 0 0 0 8 3.166c-2.087 0-3.86 1.408-4.492 3.304a4.792 4.792 0 0 0
0 3.063h.003c.635 1.893 2.405 3.301 4.492 3.301 1.078 0 2.004-.276 2.722-.764h-
.003a3.702 3.702 0 0 0 1.599-2.431H8v-3.08h7.545z" />
        </svg></i>Login with Google</a>
  </div>
</div>
{% endblock content %}
Orders.html
<!DOCTYPE html>
<html>
```

```html
<head>
    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css">
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.min.js"></script>
    <script src="{{ url_for('static', filename='hidden_script.js') }}"></script>
    <link rel="stylesheet" href="{{ url_for('static', filename='dashboard_style.css')
}}">
    <link rel="stylesheet" href="{{ url_for('static',
filename='dashboard_styleguide.css') }}">
    <style>
        .tablink {
            width: 50%;
        }
    </style>
    <script>
        function openCity(evt, cityName) {
            var i, x, tablinks;
            x = document.getElementsByClassName("tabs");
            for (i = 0; i < x.length; i++) {
                x[i].style.display = "none";
            }
            tablinks = document.getElementsByClassName("tablink");
            for (i = 0; i < tablinks.length; i++) { // Change this line to use
tablinks.length
                tablinks[i].className = tablinks[i].className.replace(" w3-border-red",
"");
            }
            document.getElementById(cityName).style.display = "block";
            evt.currentTarget.firstElementChild.className += " w3-border-red";
        }
        window.addEventListener('load', function () {
            // Call openCity with the 'Orders' argument
            openCity(event, 'Orders');
        });

    </script>
</head>
```

```
<body>
    <div class="user-dashboard">
        <div class="div">
            <div class="overlap">
                <div class="overlap-group">
                    <img class="line-2" src="{{ url_for('static',
filename='images/line-4.svg') }}" />
                    <div class="line-3"></div>
                </div>
                <div class="frame">
                    <a href="{{ url_for('dashboard') }}">Dashboard</a>
                    <p style="font-size: 18px;"><a href="{{ url_for('survey') }}"
style="text-decoration-line: none;">Survey</a>
                    </p>
                    <p style="font-size: 18px;"><a href="{{ url_for('addPets') }}"
style="text-decoration-line: none;">Add
                        Pets</a>
                    </p>
                    <p style="font-size: 18px;"><a href="{{ url_for('orders') }}"
style="text-decoration-line: none;">Orders</a>
                    </p>
                    <p style="font-size: 18px;"><a href="{{ url_for('sell') }}"
style="text-decoration-line: none;">Pet</a>
                    </p>
                    <a href="/logout">Logout</a>
                 </div>
                <img class="image" src="{{ url_for('static',
filename='images/banner.jpg') }}" />
            </div>
            <article style="position: relative;top:600px;width:100%;">
                <div class="w3-container">

                    <div class="w3-row">
                        <a href="javascript:void(0)"
onclick="loadOrder();openCity(event, 'Orders');"
                            onload="openCity(event, 'Orders');">
                            <div class="w3-half tablink w3-bottombar w3-hover-light-
grey w3-padding text-center">
                                Sell
```

```
                                </div>
                            </a>
                            <a href="javascript:void(0)"
onclick="loadOrder();openCity(event, 'confrmOrders');">
                                <div class="w3-half tablink w3-bottombar w3-hover-light-
grey w3-padding text-center">
                                    Buy
                                </div>
                            </a>
                        </div>
                        <div id="Orders" class="w3-container tabs" style="display:none">
                            <div id="sell">


                            </div>
                        </div>


                        <div id="confrmOrders" class="w3-container tabs"
style="display:none">
                            <div id="buy">


                            </div>
                        </div>
                    </div>
                </article>


                <div class="header">
                    <div class="header-2">
                        <div class="frame-21">
                            <div class="logo">
                                <div class="exclusive-2 text-danger">JA PETS</div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
</body>


</html>
Petupload.html
```

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="icon" href="{{ url_for('static',filename='./images/favicon.ico') }}"
type="image/x-icon">
    <title>Pet Image Upload</title>
    <style>
        body {
            background-image: url('/static/images/dog_adopt.jpg');
            background-size: cover;
            /* Scale the image to cover the entire body */
            background-repeat: no-repeat;
            /* Prevent image repetition */
            background-attachment: fixed;
            /* Fixed background image */
        }

        .container {
            max-width: 400px;
            margin: 0 auto;
            padding: 20px;
            text-align: center;
            background-color: rgba(255, 255, 255, 0.8);
            border-radius: 25px;
        }

        /* Styling for the file input */
        .file-input {
            margin-bottom: 20px;
        }

        /* Styling for the submit button */
        .submit-button {
            background-color: #007bff;
            color: white;
            padding: 10px 20px;
            border: none;
```

```
                cursor: pointer;
                font-size: 16px;
        }

        /* Styling for previewing the uploaded image */
        .image-preview {
            max-width: 100%;
            margin-top: 20px;
        }
    </style>
</head>


<body>


    <div class="container">


        <a href="{{ url_for('dashboard') }}"
            style="text-decoration: none;color:rebeccapurple; font-
size:20px;">Dashboard</a>
        <h1>Upload Your Pet's Image</h1>
        <form action="/upload" method="POST" enctype="multipart/form-data">
            <div class="file-input">
                <input type="file" name="petImage" accept="image/*" required>
            </div>
            <div class="file-input">
                <label><b>Price </b></label>
                <input type="number" name="price" id="price" required min="0"
value="0">
                <p style="color: red;">*choose price 0 for adoption</p>
            </div>
            <button type="submit" class="submit-button">Upload</button>
        </form>
    </div>
</body>


</html>
Sell.html
<!DOCTYPE html>
<html>
```

```html
<head>
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css">
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/js/bootstrap.min.js"></script>
    <script src="{{ url_for('static', filename='hidden_script.js') }}"></script>
    <link rel="stylesheet" href="{{ url_for('static', filename='dashboard_style.css')
}}">
    <link rel="stylesheet" href="{{ url_for('static',
filename='dashboard_styleguide.css') }}">
    <link rel="icon" href="{{ url_for('static',filename='./images/favicon.ico') }}"
type="image/x-icon">
</head>


<body>
    <div class="user-dashboard">
        <div class="div">
            <div class="overlap">
                <div class="overlap-group">
                    <img class="line-2" src="{{ url_for('static',
filename='images/line-4.svg') }}" />
                    <div class="line-3"></div>
                </div>
                <div class="frame">
                    <a href="{{ url_for('dashboard') }}">Dashboard</a>
                    <p style="font-size: 18px;"><a href="{{ url_for('survey') }}"
                            style="text-decoration-line: none;">Survey</a>
                    </p>
                    <p style="font-size: 18px;"><a href="{{ url_for('addPets') }}"
                            style="text-decoration-line: none;">Add
                            Pets</a>
                    </p>
                    <p style="font-size: 18px;"><a href="{{ url_for('orders') }}"
                            style="text-decoration-line: none;">Orders</a>
                    </p>
                    <p style="font-size: 18px;"><a href="{{ url_for('sell') }}"
                            style="text-decoration-line: none;">Pet</a>
                    </p>
                    <a href="/logout">Logout</a>
                </div>
```

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```html
                        <img class="image" src="{{ url_for('static',
filename='images/banner.jpg') }}" />
            </div>
            <article style="position: absolute;top:600px">
                <main style="position:relative;width: 70%;left: 20%;">
                    <div class="row">
                        <div class="container">
                            <div>
                                <div class="rectangle"></div>
                                <div class="text-wrapper-1">Your Pets</div>
                            </div>
                            <div class="text-wrapper-2">Pets</div>
                        </div>
                        <section id="seller">
                        </section>
                    </div>
                </main>
            </article>

            <div class="header">
                <div class="header-2">
                    <div class="frame-21">
                        <div class="logo">
                            <div class="exclusive-2 text-danger">JA PETS</div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</body>

</html>
Signup {% extends "authenticate_template.html" %}



{% block title %}
<title>Signup</title>
{% endblock title %}
```

```
{% block content %}


<div class="container">
    <form action="/" method="POST">
        <div class="title">Signup</div>
        <div class="input-box underline">
            <input type="text" placeholder="Enter Your Email" name="mail" required />
            <div class="underline"></div>
            {% if msg %}
            {{ msg }}</p>
            {% endif %}
        </div>
        <div class="input-box">
            <input type="password" placeholder="Enter Password" name="pwd" required />
            <div class="underline"></div>
        </div>
        <div class="input-box">
            <input type="password" placeholder="Confirm Password" required />
            <div class="underline"></div>
        </div>
        <div class="input-box button">
            <input type="submit" name="" value="Continue" />
        </div>
        <p style="text-align: center; font-size: 14px;">Already have an account? <a
href="{{ url_for('login') }}"
                style="text-decoration-line: none;"><b>Login</b></a></p>
    </form><br>
    <div class="option">or Connect With Social Media</div>
    <div class="google" style="text-align: center;">
        <a href="#"><i style="color: white;"><svg xmlns="http://www.w3.org/2000/svg"
width="16" height="16"
                    fill="currentColor" class="bi bi-google" viewBox="0 0 16 16">
                    <path
                        d="M15.545 6.558a9.42 9.42 0 0 1 .139 1.626c0 2.434-.87 4.492-
2.384 5.885h.002C11.978 15.292 10.158 16 8 16A8 8 0 1 1 8 0a7.689 7.689 0 0 1 5.352
2.082l-2.284 2.284A4.347 4.347 0 0 0 8 3.166c-2.087 0-3.86 1.408-4.492 3.304a4.792
4.792 0 0 0 0 3.063h.003c.635 1.893 2.405 3.301 4.492 3.301 1.078 0 2.004-.276 2.722-
.764h-.003a3.702 3.702 0 0 0 1.599-2.431H8v-3.08h7.545z" />
                </svg></i>Signup with Google</a>
    </div>
```

```html
        </div>
{% endblock content %}.html
Survey.html


<!DOCTYPE html>
<html>

<head>
    <meta charset="UTF-8">
    <title>User Preference Survey</title>
    <link rel="icon" href="{{ url_for('static',filename='./images/favicon.ico') }}"
type="image/x-icon">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet"
        integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
    <script src="https://kit.fontawesome.com/a076d05399.js"></script>
    <link rel="stylesheet" href="{{ url_for('static',
filename='authentication_style.css') }}">
    <style>
        .container {
            max-width: 500px;
            opacity: 0.7;
            margin: 10px;
        }

        .container form .title:before {
            width: 75px;
        }

        body {
            background-image: url('/static/images/dog_adopt.jpg');
            padding: 20px;
            background-size: cover;
            animation-name: none;
        }

        .container .option {
```

```
                font-size: 14px;
                text-align: start;
                margin: 10px 10px 10px 50px;
            }
        </style>
        <script defer>


            document.addEventListener('DOMContentLoaded', function () {
                const myElement = document.getElementsByTagName('body')[0]; // Access the
first body element
                const imageUrls = [
                    'static/images/dog_adopt.jpg',
                    'static/images/cat_adopt.jpg',
                ];
                let currentIndex = 0;

                // Function to change the background image URL
                function changeBackgroundImage() {
                    myElement.style.backgroundImage = `url("${imageUrls[currentIndex]}")`;
// Use template literals
                    currentIndex = (currentIndex + 1) % imageUrls.length;
                }

                // Call the function initially and then at a 10-second interval
                changeBackgroundImage(); // Change immediately
                setInterval(changeBackgroundImage, 10000); // 10000 milliseconds = 10
seconds
            });

        </script>
</head>


<body>
    <div class="container">
        <form action="survey" method="post">
            <div class="title">User Preference Survey</div>
            <div class="radioContainer">
                <p>1. What is your daily time commitment for pet care?</p>
                <div class="options">
                    <div class="option">
```

```
                              <input type="radio" name="time_commitment" value="Less than 30
minutes"> Less than 30 minutes
                    </div>
                    <div class="option">
                        <input type="radio" name="time_commitment" value="30 minutes to
1 hour"> 30 minutes to 1 hour
                    </div>
                    <div class="option">
                        <input type="radio" name="time_commitment" value="More than 1
hour"> More than 1 hour
                    </div>
                </div>
            </div>
            <!-- radioContainer 2 -->
            <div class="radioContainer">
                <p>2. What is your living space like?</p>
                <div class="options">
                    <div class="option">
                        <input type="radio" name="living_space" value="Apartment or
Small Condo"> Apartment or Small
                            Condo
                    </div>
                    <div class="option">
                        <input type="radio" name="living_space" value="House with a
Yard"> House with a Yard
                    </div>
                    <div class="option">
                        <input type="radio" name="living_space" value="Rural Area with
Open Space"> Rural Area with Open
                            Space
                    </div>
                </div>
            </div>

            <!-- radioContainer 4 -->
            <div class="radioContainer">
                <p>3. How active is your lifestyle?</p>
                <div class="options">
                    <div class="option">
```

```html
                            <input type="radio" name="activity_level" value="Very Active
(Frequent outdoor activities)">
                            Very Active (Frequent outdoor activities)
                        </div>
                        <div class="option">
                            <input type="radio" name="activity_level" value="Moderately
Active (Some outdoor activities)">
                            Moderately Active (Some outdoor activities)
                        </div>
                        <div class="option">
                            <input type="radio" name="activity_level" value="Sedentary
(Minimal outdoor activities)">
                            Sedentary (Minimal outdoor activities)
                        </div>
                    </div>
                </div>

                <!-- radioContainer 8 -->
                <div class="radioContainer">
                    <p>4. What are your personal preferences for pets?</p>
                    <div class="options">
                        <div class="option">
                            <input type="checkbox" name="preferences" value="Dogs"> Dogs
                        </div>
                        <div class="option">
                            <input type="checkbox" name="preferences" value="Cats"> Cats
                        </div>
                        <div class="option">
                            <input type="checkbox" name="preferences" value="Birds"> Birds
                        </div>
                        <div class="option">
                            <input type="checkbox" name="preferences" value="Reptiles">
Reptiles
                        </div>
                        <!-- Add more options based on personal preferences -->
                    </div>
                </div>
                <!-- radioContainer 9 -->
                <div class="radioContainer">
                    <p>5. How often do you travel?</p>
```

```html
                    <div class="options">
                        <div class="option">
                            <input type="radio" name="travel_frequency" value="Frequently">
Frequently
                        </div>
                        <div class="option">
                            <input type="radio" name="travel_frequency"
value="Occasionally"> Occasionally
                        </div>
                        <div class="option">
                            <input type="radio" name="travel_frequency" value="Rarely">
Rarely
                        </div>
                        <div class="option">
                            <input type="radio" name="travel_frequency" value="Never">
Never
                        </div>
                    </div>
                </div>

                <!-- radioContainer 10 -->
                <div class="radioContainer">
                    <p>6. How tolerant are you to noise?</p>
                    <div class="options">
                        <div class="option">
                            <input type="radio" name="noise_tolerance" value="Very
Tolerant"> Very Tolerant
                        </div>
                        <div class="option">
                            <input type="radio" name="noise_tolerance" value="Moderately
Tolerant"> Moderately Tolerant
                        </div>
                        <div class="option">
                            <input type="radio" name="noise_tolerance" value="Low
Tolerance"> Low Tolerance
                        </div>
                    </div>
                </div>
                <div class="input-box button">
                    <input type="submit" name="" value="Submit Survey" />
```

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```
                </div>
            </form>
        </div>
    </body>

</html>
authentication_style.css
@import
url("https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;500;600;700&disp
lay=swap");

* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: "Poppins", sans-serif;
}

/* The animation code */
@keyframes example {
    0% {
        background-position: 5%;
    }

    100% {
        background-position: 10%;
    }
}

body {
    background-image: url("images/front_image.png");
    background-repeat: no-repeat;
    display: grid;
    animation-name: example;
    animation-duration: 4s;
    animation-iteration-count: infinite;
    animation-direction: alternate;
    animation-timing-function: linear;
    height: 100vh;
    width: 100%;
```

```css
        place-items: center;
    }


    ::selection {
        background: #ff80bf;
    }


    .container {
        background: #fff;
        border: 0.5px solid rgb(218, 218, 218);
        max-width: 400px;
        width: 100%;
        margin-left: 750px;
        padding: 10px 30px;
        border-radius: 15px;
        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.15);
    }


    .container form .title {
        font-size: 30px;
        font-weight: 600;
        margin: 20px 0 10px 0;
        position: relative;
    }


    .container form .title:before {
        content: "";
        position: absolute;
        height: 4px;
        width: 33px;
        left: 0px;
        bottom: 3px;
        border-radius: 5px;
        background: linear-gradient(to right, #ed4599 0%, #ff0080 100%);
    }


    .container form .input-box {
        width: 100%;
        height: 50px;
        margin-top: 30px;
```

```css
    position: relative;
}


.container form .input-box input,
.container form .input-box select {
    width: 100%;
    height: 100%;
    outline: none;
    font-size: 18px;
    border: none;
}


.container form .underline::before {
    content: "";
    position: absolute;
    height: 2px;
    width: 100%;
    background: #ccc;
    left: 0;
    bottom: 0;
}


.container form .underline::after {
    content: "";
    position: absolute;
    height: 2px;
    width: 100%;
    background: #ed4599;
    left: 0;
    bottom: 0;
    transform: scaleX(0);
    transform-origin: left;
    transition: all 0.3s ease;
}


.container form .input-box input:focus~.underline::after,
.container form .input-box input:valid~.underline::after {
    transform: scaleX(1);
    transform-origin: left;
}
```

```css
.container form .input-box select:focus~.underline::after,
.container form .input-box select:valid~.underline::after {
    transform: scaleX(1);
    transform-origin: left;
}


.container form .button {
    margin: 40px 0 20px 0;
}



.container .input-box input[type="submit"] {
    background: #ed4599;
    font-size: 18px;
    color: #fff;
    border-radius: 5px;
    cursor: pointer;
}


.container .input-box input[type="submit"]:hover {
    background: linear-gradient(to left, #99004d 0%, #ff0080 100%);
}


.container .option {
    font-size: 14px;
    text-align: center;
}


.container .option div {
    display: flex;
    align-items: center;
}


.container .google a {
    display: block;
    height: 50px;
    width: 100%;
    font-size: 15px;
    text-decoration: none;
```

```css
        padding-left: 20px;
        line-height: 50px;
        color: #fff;
        border-radius: 5px;
        transition: all 0.3s ease;
    }


    .container .google i {
        padding-right: 12px;
        font-size: 20px;
    }


    .container .google a {
        background: linear-gradient(to right, #00acee 0%, #1abeff 100%);
        margin: 20px 0 15px 0;
    }


    .container .google a:hover {
        background: linear-gradient(to left, #00acee 0%, #1abeff 100%);
        margin: 20px 0 15px 0;
    }


    @media only screen and (max-width: 768px) {


        /* For desktop and mobiles*/
        .container {
            margin-left: 0px;
        }


        body {
            background-position: center;
            background-size: cover;
            animation-name: none;
        }
    }


    .radioContainer {
        margin-top: 30px;
    }
```

```css
.radioContainer .form-check {
    margin: 10px 0px 0px 10%;
}


.form-check-input:checked {
    background-color: #ff0080;
    border-color: #ff0080;
}
```
dashboard_style.css
```css
@import url(https://cdnjs.cloudflare.com/ajax/libs/meyer-reset/2.0/reset.min.css);


* {
  -webkit-font-smoothing: antialiased;
  box-sizing: border-box
}


body,
html {
  margin: 0;
  height: 100%
}


button:focus-visible {
  outline: 2px solid #4a90e2 !important;
  outline: -webkit-focus-ring-color auto 5px !important
}


.user-dashboard {
  background-color: #fff;
  display: flex;
  flex-direction: row;
  justify-content: center;
  width: 100%
}


.div {
  background-color: var(--bg);
  width: 1440px;
  position: relative
}
```

```css
.line {
  position: absolute;
  width: 1170px;
  height: 1px;
  top: 1335px;
  left: 135px
}

.img {
  position: absolute;
  width: 1170px;
  height: 1px;
  top: 1798px;
  left: 135px
}

.overlap {
  position: absolute;
  width: 1440px;
  height: 384px;
  top: 142px;
  left: 0
}

.overlap-group {
  position: absolute;
  width: 1440px;
  height: 384px;
  top: 0;
  left: 0
}

.line-2 {
  position: absolute;
  width: 1px;
  height: 384px;
  top: 0;
  left: 368px
}
```

```css
.line-3 {
  position: absolute;
  width: 1440px;
  height: 1px;
  top: 0;
  left: 0;
  background-image: url(images/line-3-1.svg);
  background-size: 100% 100%
}

.frame {
  display: inline-flex;
  flex-direction: column;
  align-items: flex-start;
  gap: 16px;
  position: absolute;
  top: 40px;
  left: 135px
}

.div-wrapper {
  display: inline-flex;
  align-items: flex-start;
  gap: 51px;
  position: relative;
  flex: 0 0 auto
}

.text-wrapper {
  position: relative;
  width: fit-content;
  margin-top: -1px;
  font-family: var(--title-16px-regular-font-family);
  font-weight: var(--title-16px-regular-font-weight);
  color: var(--text-2);
  font-size: var(--title-16px-regular-font-size);
  text-align: center;
  letter-spacing: var(--title-16px-regular-letter-spacing);
  line-height: var(--title-16px-regular-line-height);
```

```
    white-space: nowrap;
    font-style: var(--title-16px-regular-font-style)
}


.text-wrapper-2 {
    position: relative;
    width: fit-content;
    font-family: var(--title-16px-regular-font-family);
    font-weight: var(--title-16px-regular-font-weight);
    color: var(--text-2);
    font-size: var(--title-16px-regular-font-size);
    text-align: center;
    letter-spacing: var(--title-16px-regular-letter-spacing);
    line-height: var(--title-16px-regular-line-height);
    white-space: nowrap;
    font-style: var(--title-16px-regular-font-style)
}


.image {
    position: absolute;
    width: 741px;
    height: 302px;
    top: 40px;
    left: 552px;
    object-fit: cover
}


.frame-wrapper {
    display: inline-flex;
    flex-direction: column;
    align-items: flex-start;
    gap: 40px;
    position: absolute;
    top: 666px;
    left: 135px
}


.frame-2 {
    display: inline-flex;
    align-items: flex-end;
```

```
    gap: 470px;
    position: relative;
    flex: 0 0 auto
}


.frame-3 {
    display: inline-flex;
    align-items: flex-end;
    gap: 87px;
    position: relative;
    flex: 0 0 auto
}


.frame-4 {
    display: inline-flex;
    flex-direction: column;
    height: 103px;
    align-items: flex-start;
    gap: 24px;
    position: relative;
    flex: 0 0 auto
}


.frame-5 {
    display: inline-flex;
    align-items: center;
    gap: 16px;
    position: relative;
    flex: 0 0 auto
}

.rectangle {
    position: relative;
    width: 20px;
    height: 40px;
    background-color: var(--secondary-2);
    border-radius: 4px
}


.text-wrapper-1 {
```

```css
    font-family: var(--title-16px-semibold-font-family);
    font-weight: var(--title-16px-semibold-font-weight);
    color: var(--secondary-2);
    font-size: var(--title-16px-semibold-font-size);
    letter-spacing: var(--title-16px-semibold-letter-spacing);
    line-height: var(--title-16px-semibold-line-height);
    white-space: nowrap;
    font-style: var(--title-16px-semibold-font-style)
}

.text-wrapper-2 {
    margin-bottom: -8px;
    font-family: var(--heading-36px-semibold-font-family);
    font-weight: var(--heading-36px-semibold-font-weight);
    color: var(--text-2);
    font-size: var(--heading-36px-semibold-font-size);
    letter-spacing: var(--heading-36px-semibold-letter-spacing);
    line-height: var(--heading-36px-semibold-line-height);
    white-space: nowrap;
    font-style: var(--heading-36px-semibold-font-style)
}

.frame-6 {
    display: inline-flex;
    align-items: flex-start;
    gap: 8px;
    position: relative;
    flex: 0 0 auto
}

.img-wrapper {
    position: relative;
    width: 46px;
    height: 46px;
    background-color: var(--secondary);
    border-radius: 23px
}

.img-2 {
    position: absolute;
```

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```css
  width: 24px;
  height: 24px;
  top: 11px;
  left: 11px
}


.frame-7 {
  display: flex;
  width: 1168px;
  align-items: flex-start;
  gap: 30px;
  position: absolute;
  top: 809px;
  left: 155px;
  overflow-x: scroll
}


.div-2 {
  display: inline-flex;
  flex-direction: column;
  align-items: flex-start;
  gap: 16px;
  position: relative;
  flex: 0 0 auto
}


.frame-8 {
  position: relative;
  width: 270px;
  height: 250px;
  background-color: var(--secondary);
  border-radius: 4px;
  overflow: hidden
}


.overlap-group-2 {
  position: relative;
  width: 218px;
  height: 203px;
  top: 12px;
```

```
    left: 40px
  }

  .frame-9 {
    display: inline-flex;
    flex-direction: column;
    align-items: flex-start;
    gap: 8px;
    position: absolute;
    top: 0;
    left: 184px
  }

  .img-wrapper-2 {
    position: relative;
    width: 34px;
    height: 34px;
    background-color: var(--primary);
    border-radius: 17px
  }

  .img-3 {
    position: absolute;
    width: 24px;
    height: 24px;
    top: 5px;
    left: 5px
  }

  .frame-10 {
    position: absolute;
    width: 190px;
    height: 180px;
    top: 23px;
    left: 0
  }

  .frame-11 {
    display: inline-flex;
    flex-direction: column;
```

```
    align-items: flex-start;
    gap: 8px;
    position: relative;
    flex: 0 0 auto
}


.text-wrapper-5 {
    position: relative;
    width: fit-content;
    margin-top: -1px;
    font-family: var(--title-16px-medium-font-family);
    font-weight: var(--title-16px-medium-font-weight);
    color: #000;
    font-size: var(--title-16px-medium-font-size);
    letter-spacing: var(--title-16px-medium-letter-spacing);
    line-height: var(--title-16px-medium-line-height);
    white-space: nowrap;
    font-style: var(--title-16px-medium-font-style)
}


.frame-12 {
    display: inline-flex;
    align-items: flex-start;
    gap: 12px;
    position: relative;
    flex: 0 0 auto
}


.img-4 {
    position: relative;
    flex: 0 0 auto
}


.text-wrapper-6 {
    position: relative;
    width: 32px;
    height: 20px;
    margin-top: -1px;
    opacity: .5;
    font-family: var(--title-14px-semibold-font-family);
```

```css
    font-weight: var(--title-14px-semibold-font-weight);

    color: var(--text-2);

    font-size: var(--title-14px-semibold-font-size);

    letter-spacing: var(--title-14px-semibold-letter-spacing);

    line-height: var(--title-14px-semibold-line-height);

    white-space: nowrap;

    font-style: var(--title-14px-semibold-font-style)

}


.overlap-group-3 {

    position: absolute;

    width: 270px;

    height: 41px;

    top: 209px;

    left: 0;

    background-color: var(--button);

    border-radius: 0 0 4px 4px

}


.text-wrapper-7 {

    position: absolute;

    top: 7px;

    left: 87px;

    font-family: var(--title-16px-medium-font-family);

    font-weight: var(--title-16px-medium-font-weight);

    color: #fff;

    font-size: var(--title-16px-medium-font-size);

    letter-spacing: var(--title-16px-medium-letter-spacing);

    line-height: var(--title-16px-medium-line-height);

    white-space: nowrap;

    font-style: var(--title-16px-medium-font-style)

}


.overlap-group-4 {

    position: absolute;

    width: 218px;

    height: 183px;

    top: 12px;

    left: 40px

}
```

```css
.img-5 {
  position: relative;
  width: 20px;
  height: 20px
}

.frame-13 {
  display: inline-flex;
  flex-direction: column;
  align-items: flex-start;
  gap: 60px;
  position: absolute;
  top: 1415px;
  left: 135px
}

.frame-14 {
  display: inline-flex;
  align-items: flex-end;
  gap: 691px;
  position: relative;
  flex: 0 0 auto
}

.frame-15 {
  display: inline-flex;
  flex-direction: column;
  align-items: flex-start;
  gap: 20px;
  position: relative;
  flex: 0 0 auto
}

.text-wrapper-8 {
  position: relative;
  width: fit-content;
  font-family: var(--heading-36px-semibold-font-family);
  font-weight: var(--heading-36px-semibold-font-weight);
  color: var(--text-2);
```

```css
  font-size: var(--heading-36px-semibold-font-size);

  letter-spacing: var(--heading-36px-semibold-letter-spacing);

  line-height: var(--heading-36px-semibold-line-height);

  white-space: nowrap;

  font-style: var(--heading-36px-semibold-font-style)

}


.group {

  position: relative;

  width: 1170px;

  height: 145px

}


.frame-16 {

  display: inline-flex;

  align-items: flex-start;

  gap: 30px;

  position: relative

}


.overlap-group-wrapper {

  position: relative;

  width: 170px;

  height: 145px

}


.overlap-group-5 {

  position: relative;

  height: 145px;

  border-radius: 4px

}


.img-6 {

  position: absolute;

  width: 56px;

  height: 56px;

  top: 34px;

  left: 57px

}
```

```css
.text-wrapper-9 {
  position: absolute;
  top: 96px;
  left: 70px;
  font-family: var(--title-16px-regular-font-family);
  font-weight: var(--title-16px-regular-font-weight);
  color: var(--text-2);
  font-size: var(--title-16px-regular-font-size);
  text-align: center;
  letter-spacing: var(--title-16px-regular-letter-spacing);
  line-height: var(--title-16px-regular-line-height);
  white-space: nowrap;
  font-style: var(--title-16px-regular-font-style)
}

.overlap-2 {
  position: relative;
  height: 145px
}

.group-2 {
  position: absolute;
  width: 170px;
  height: 145px;
  top: 0;
  left: 0
}

.logo {
  position: relative;
  width: 118px;
  height: 24px
}

.exclusive {
  color: var(--text);
  position: absolute;
  top: -1px;
  left: 0;
  font-family: var(--heading-24px-bold-font-family);
```

```
    font-weight: var(--heading-24px-bold-font-weight);

    font-size: var(--heading-24px-bold-font-size);

    letter-spacing: var(--heading-24px-bold-letter-spacing);

    line-height: var(--heading-24px-bold-line-height);

    white-space: nowrap;

    font-style: var(--heading-24px-bold-font-style)

}


.img-7 {

  position: relative;

  width: 24px;

  height: 24px

}


.frame-19 {

  display: inline-flex;

  flex-direction: column;

  align-items: flex-start;

  gap: 24px;

  position: absolute;

  top: 80px;

  left: 518px

}


.header {

  display: inline-flex;

  align-items: flex-start;

  position: absolute;

  top: 88px;

  left: 135px

}


.header-2 {

  display: inline-flex;

  align-items: center;

  gap: 148px;

  position: relative;

  flex: 0 0 auto

}
```

```css
.frame-21 {
  display: inline-flex;
  align-items: flex-start;
  gap: 190px;
  position: relative;
  flex: 0 0 auto
}

.exclusive-2 {
  color: var(--text-2);
  position: absolute;
  top: -1px;
  left: 0;
  font-family: var(--heading-24px-bold-font-family);
  font-weight: var(--heading-24px-bold-font-weight);
  font-size: var(--heading-24px-bold-font-size);
  letter-spacing: var(--heading-24px-bold-letter-spacing);
  line-height: var(--heading-24px-bold-line-height);
  white-space: nowrap;
  font-style: var(--heading-24px-bold-font-style)
}

.frame-22 {
  display: inline-flex;
  align-items: center;
  gap: 24px;
  position: relative;
  flex: 0 0 auto
}

.frame-23 {
  display: inline-flex;
  align-items: center;
  justify-content: center;
  gap: 34px;
  position: relative;
  flex: 0 0 auto;
  margin-left: -10px;
  margin-right: -10px
}
```

```css
.p {
  position: relative;
  width: 153px;
  height: 18px;
  opacity: .5;
  font-family: var(--title-12px-regular-font-family);
  font-weight: var(--title-12px-regular-font-weight);
  color: var(--text-2);
  font-size: var(--title-12px-regular-font-size);
  letter-spacing: var(--title-12px-regular-letter-spacing);
  line-height: var(--title-12px-regular-line-height);
  white-space: nowrap;
  font-style: var(--title-12px-regular-font-style)
}

.frame-24 {
  display: inline-flex;
  align-items: center;
  justify-content: center;
  gap: 16px;
  position: relative;
  flex: 0 0 auto
}

.wishlist {
  position: relative;
  width: 32px;
  height: 32px
}

input {
  display: inline-flex;
  align-items: center;
  justify-content: center;
  color: #fff;
  border-color: #fff;
  gap: 10px;
  padding: 16px 48px;
  position: absolute;
```

```css
    left: 609px;

    background-color: var(--button-2);

    border-radius: 4px

  }


  .frame-26 {

    display: inline-flex;

    flex-direction: column;

    align-items: flex-start;

    gap: 40px;

    position: absolute;

    top: 1500px;

    left: 141px

  }


  .frame-27 {

    display: flex;

    width: 1168px;

    align-items: flex-start;

    gap: 30px;

    position: absolute;

    top: 1650px;

    left: 161px;

    overflow-x: scroll

  }


  .text-wrapper-14 {

    position: absolute;

    top: 2648px;

    left: 155px;

    font-family: var(--heading-36px-semibold-font-family);

    font-weight: var(--heading-36px-semibold-font-weight);

    color: var(--text-2);

    font-size: var(--heading-36px-semibold-font-size);

    letter-spacing: var(--heading-36px-semibold-letter-spacing);

    line-height: var(--heading-36px-semibold-line-height);

    white-space: nowrap;

    font-style: var(--heading-36px-semibold-font-style)

  }
```

```
.frame-28 {
  display: inline-flex;
  align-items: flex-start;
  gap: 30px;
  position: absolute;
  top: 2728px;
  left: 151px
}

.frame-29 {
  position: relative;
  width: 270px;
  height: 230px;
  border-radius: 4px;
  overflow: hidden;
  border: 1px solid;
  border-color: #0000004c
}

.frame-30 {
  display: inline-flex;
  flex-direction: column;
  align-items: center;
  gap: 24px;
  position: relative;
  top: 30px;
  left: 50px
}

.overlap-group-6 {
  position: relative;
  height: 80px
}

.img-8 {
  position: absolute;
  width: 40px;
  height: 40px;
  top: 20px;
  left: 20px
```

```css
    }

    .frame-31 {
      display: inline-flex;
      flex-direction: column;
      align-items: center;
      gap: 12px;
      position: relative;
      flex: 0 0 auto
    }

    .text-wrapper-15 {
      position: relative;
      width: fit-content;
      margin-top: -1px;
      font-family: var(--heading-32px-bold-font-family);
      font-weight: var(--heading-32px-bold-font-weight);
      color: #000;
      font-size: var(--heading-32px-bold-font-size);
      letter-spacing: var(--heading-32px-bold-letter-spacing);
      line-height: var(--heading-32px-bold-line-height);
      white-space: nowrap;
      font-style: var(--heading-32px-bold-font-style)
    }

    .group-3 {
      position: relative;
      width: 270px;
      height: 230px
    }

    .overlap-3 {
      position: relative;
      height: 230px;
      border-radius: 4px
    }

    .frame-32 {
      position: absolute;
      width: 270px;
```

```css
    height: 230px;
    top: 0;
    left: 0;
    background-color: var(--secondary-2);
    border-radius: 4px;
    overflow: hidden;
    box-shadow: var(--categogy-20)
}

.frame-33 {
    display: inline-flex;
    flex-direction: column;
    align-items: center;
    justify-content: center;
    gap: 24px;
    position: relative;
    top: 32px;
    left: 53px
}

.group-4 {
    background-image: url(img/ellipse-6-3.svg);
    height: 80px;
    background-size: 100% 100%
}

.frame-34 {
    display: inline-flex;
    flex-direction: column;
    align-items: center;
    gap: 8px;
    position: relative;
    flex: 0 0 auto
}

.frame-35 {
    height: 230px;
    border-radius: 4px;
    overflow: hidden;
    border: 1px solid;
```

```css
    border-color: #0000004c
  }


  .overlap-group-7 {
    position: relative;
    width: 262px;
    height: 170px;
    top: 30px;
    left: 4px
  }


  .frame-36 {
    display: flex;
    flex-direction: column;
    width: 262px;
    align-items: center;
    gap: 24px;
    position: absolute;
    top: 0;
    left: 0
  }


  .group-5 {
    background-image: url(img/ellipse-6-6.svg);
    height: 80px;
    background-size: 100% 100%
  }


  .text-wrapper-16 {
    position: relative;
    width: fit-content;
    font-family: var(--title-16px-regular-font-family);
    font-weight: var(--title-16px-regular-font-weight);
    color: #000;
    font-size: var(--title-16px-regular-font-size);
    letter-spacing: var(--title-16px-regular-letter-spacing);
    line-height: var(--title-16px-regular-line-height);
    white-space: nowrap;
    font-style: var(--title-16px-regular-font-style)
  }
```

```
.overlap-4 {
  position: relative;
  width: 90px;
  height: 170px;
  top: 30px;
  left: 90px
}

.frame-37 {
  display: inline-flex;
  flex-direction: column;
  align-items: center;
  gap: 24px;
  position: absolute;
  top: 0;
  left: 0
}

.group-6 {
  position: absolute;
  width: 80px;
  top: 0;
  left: 0;
  background-image: url(img/ellipse-6-6.svg);
  height: 80px;
  background-size: 100% 100%
}

.wrapper {
  height: 420px;
  width: 980px;
  margin: 50px auto;
  border-radius: 7px 7px 7px 7px;
  -webkit-box-shadow: 0 14px 32px 0 rgba(0, 0, 0, .15);
  -moz-box-shadow: 0 14px 32px 0 rgba(0, 0, 0, .15);
  box-shadow: 0 14px 32px 0 rgba(0, 0, 0, .15)
}

.product-img {
```

```css
    float: left;
    height: 420px;
    width: 400px
  }


  .product-img img {
    border-radius: 7px 0 0 7px
  }


  .product-info {
    float: left;
    height: 420px;
    width: 580px;
    border-radius: 0 7px 10px 7px;
    background-color: rgba(219, 68, 68, 1)
  }


  .product-text {
    height: 300px;
    width: 327px
  }


  .product-text h1 {
    margin: 0 0 0 38px;
    padding-top: 52px;
    font-size: 34px;
    color: #fff
  }


  .product-price-btn p,
  .product-text h1 {
    font-family: Bentham, serif
  }


  .product-text h2 {
    margin: 0 0 47px 38px;
    font-size: 13px;
    font-family: Raleway, sans-serif;
    font-weight: 400;
    text-transform: uppercase;
```

```css
    color: #d2d2d2;
    letter-spacing: .2em
}


.product-text p,
.product-text h3 {
    height: 50px;
    margin: 0 0 0 38px;
    font-family: 'Playfair Display', serif;
    color: #d2d2d2;
    font-size: 18px;
    font-weight: lighter;
    overflow: hidden
}


.product-price-btn {
    height: 103px;
    margin-top: 17px;
    position: relative
}


.product-price-btn p {
    display: inline;
    position: absolute;
    top: 3px;
    height: 50px;
    font-family: Trocchi, serif;
    margin: 0 0 0 38px;
    font-size: 28px;
    font-weight: lighter;
    color: #fff
}


span {
    height: 50px;
    font-family: Suranna, serif;
    font-size: 34px
}


.product-price-btn button {
```

```css
    border: transparent;
    border-radius: 60px;
    padding: 20px;
    margin-left: 25%;
    font-family: Raleway, sans-serif;
    font-size: 14px;
    font-weight: 500;
    text-transform: uppercase;
    letter-spacing: .2em;
    color: #fff;
    background-color: #9cebd5;
    cursor: pointer;
    outline: 0
}


.product-price-btn button:hover {
    background-color: #79b0a1
}


img {
    border-radius: 20px
}


a:hover {
    text-decoration: none;
    color: red;
}


a {
    text-decoration: none;
    color: black;
    font-size: 20px;
}
```
dashboard_styleguide.css
```css
:root {
    --primary: rgba(255, 255, 255, 1);
    --primary-1: rgba(54, 55, 56, 1);
    --secondary: rgba(245, 245, 245, 1);
    --secondary-1: rgba(254, 250, 241, 1);
    --bg: rgba(255, 255, 255, 1);
```

```
--text: rgba(250, 250, 250, 1);
--text-1: rgba(125, 129, 132, 1);
--text-2: rgba(0, 0, 0, 1);
--button: rgba(0, 0, 0, 1);
--secondary-2: rgba(219, 68, 68, 1);
--button-1: rgba(0, 255, 102, 1);
--button-2: rgba(219, 68, 68, 1);
--hover-button: rgba(224, 117, 117, 1);
--x30-1px: rgba(0, 0, 0, 0.3);
--heading-110px-bold-font-family: "Inter-Bold", Helvetica;
--heading-110px-bold-font-weight: 700;
--heading-110px-bold-font-size: 110px;
--heading-110px-bold-letter-spacing: 3.3px;
--heading-110px-bold-line-height: 115px;
--heading-110px-bold-font-style: normal;
--heading-110px-semibold-font-family: "Inter-SemiBold", Helvetica;
--heading-110px-semibold-font-weight: 600;
--heading-110px-semibold-font-size: 110px;
--heading-110px-semibold-letter-spacing: 3.3px;
--heading-110px-semibold-line-height: 115px;
--heading-110px-semibold-font-style: normal;
--heading-110px-medium-font-family: "Inter-Medium", Helvetica;
--heading-110px-medium-font-weight: 500;
--heading-110px-medium-font-size: 110px;
--heading-110px-medium-letter-spacing: 3.3px;
--heading-110px-medium-line-height: 115px;
--heading-110px-medium-font-style: normal;
--heading-110px-regular-font-family: "Inter-Regular", Helvetica;
--heading-110px-regular-font-weight: 400;
--heading-110px-regular-font-size: 110px;
--heading-110px-regular-letter-spacing: 3.3px;
--heading-110px-regular-line-height: 115px;
--heading-110px-regular-font-style: normal;
--heading-90px-bold-font-family: "Inter-Bold", Helvetica;
--heading-90px-bold-font-weight: 700;
--heading-90px-bold-font-size: 90px;
--heading-90px-bold-letter-spacing: 4.5px;
--heading-90px-bold-line-height: 98px;
--heading-90px-bold-font-style: normal;
--heading-90px-semibold-font-family: "Inter-SemiBold", Helvetica;
```

```
--heading-90px-semibold-font-weight: 600;
--heading-90px-semibold-font-size: 90px;
--heading-90px-semibold-letter-spacing: 4.5px;
--heading-90px-semibold-line-height: 98px;
--heading-90px-semibold-font-style: normal;
--heading-90px-medium-font-family: "Inter-Medium", Helvetica;
--heading-90px-medium-font-weight: 500;
--heading-90px-medium-font-size: 90px;
--heading-90px-medium-letter-spacing: 4.5px;
--heading-90px-medium-line-height: 98px;
--heading-90px-medium-font-style: normal;
--heading-90px-regular-font-family: "Inter-Regular", Helvetica;
--heading-90px-regular-font-weight: 400;
--heading-90px-regular-font-size: 90px;
--heading-90px-regular-letter-spacing: 4.5px;
--heading-90px-regular-line-height: 98px;
--heading-90px-regular-font-style: normal;
--heading-64px-bold-font-family: "Inter-Bold", Helvetica;
--heading-64px-bold-font-weight: 700;
--heading-64px-bold-font-size: 64px;
--heading-64px-bold-letter-spacing: 3.2px;
--heading-64px-bold-line-height: 68px;
--heading-64px-bold-font-style: normal;
--heading-64px-semibold-font-family: "Inter-SemiBold", Helvetica;
--heading-64px-semibold-font-weight: 600;
--heading-64px-semibold-font-size: 64px;
--heading-64px-semibold-letter-spacing: 3.2px;
--heading-64px-semibold-line-height: 68px;
--heading-64px-semibold-font-style: normal;
--heading-64px-medium-font-family: "Inter-Medium", Helvetica;
--heading-64px-medium-font-weight: 500;
--heading-64px-medium-font-size: 64px;
--heading-64px-medium-letter-spacing: 3.2px;
--heading-64px-medium-line-height: 68px;
--heading-64px-medium-font-style: normal;
--heading-64px-regular-font-family: "Inter-Regular", Helvetica;
--heading-64px-regular-font-weight: 400;
--heading-64px-regular-font-size: 64px;
--heading-64px-regular-letter-spacing: 3.2px;
--heading-64px-regular-line-height: 68px;
```

```
--heading-64px-regular-font-style: normal;
--heading-54px-bold-font-family: "Inter-Bold", Helvetica;
--heading-54px-bold-font-weight: 700;
--heading-54px-bold-font-size: 54px;
--heading-54px-bold-letter-spacing: 3.24px;
--heading-54px-bold-line-height: 64px;
--heading-54px-bold-font-style: normal;
--heading-54px-semibold-font-family: "Inter-SemiBold", Helvetica;
--heading-54px-semibold-font-weight: 600;
--heading-54px-semibold-font-size: 54px;
--heading-54px-semibold-letter-spacing: 3.24px;
--heading-54px-semibold-line-height: 64px;
--heading-54px-semibold-font-style: normal;
--heading-54px-medium-font-family: "Inter-Medium", Helvetica;
--heading-54px-medium-font-weight: 500;
--heading-54px-medium-font-size: 54px;
--heading-54px-medium-letter-spacing: 3.24px;
--heading-54px-medium-line-height: 68px;
--heading-54px-medium-font-style: normal;
--heading-54px-regular-font-family: "Inter-Regular", Helvetica;
--heading-54px-regular-font-weight: 400;
--heading-54px-regular-font-size: 54px;
--heading-54px-regular-letter-spacing: 3.24px;
--heading-54px-regular-line-height: 64px;
--heading-54px-regular-font-style: normal;
--heading-48px-bold-font-family: "Inter-Bold", Helvetica;
--heading-48px-bold-font-weight: 700;
--heading-48px-bold-font-size: 48px;
--heading-48px-bold-letter-spacing: 1.92px;
--heading-48px-bold-line-height: 52px;
--heading-48px-bold-font-style: normal;
--heading-48px-semibold-font-family: "Inter-SemiBold", Helvetica;
--heading-48px-semibold-font-weight: 600;
--heading-48px-semibold-font-size: 48px;
--heading-48px-semibold-letter-spacing: 1.92px;
--heading-48px-semibold-line-height: 60px;
--heading-48px-semibold-font-style: normal;
--heading-48px-medium-font-family: "Inter-Medium", Helvetica;
--heading-48px-medium-font-weight: 500;
--heading-48px-medium-font-size: 48px;
```

```css
--heading-48px-medium-letter-spacing: 1.92px;
--heading-48px-medium-line-height: 60px;
--heading-48px-medium-font-style: normal;
--heading-48px-regular-font-family: "Inter-Regular", Helvetica;
--heading-48px-regular-font-weight: 400;
--heading-48px-regular-font-size: 48px;
--heading-48px-regular-letter-spacing: 1.92px;
--heading-48px-regular-line-height: 52px;
--heading-48px-regular-font-style: normal;
--heading-36px-bold-font-family: "Inter-Bold", Helvetica;
--heading-36px-bold-font-weight: 700;
--heading-36px-bold-font-size: 36px;
--heading-36px-bold-letter-spacing: 1.44px;
--heading-36px-bold-line-height: 30px;
--heading-36px-bold-font-style: normal;
--heading-36px-semibold-font-family: "Inter-SemiBold", Helvetica;
--heading-36px-semibold-font-weight: 600;
--heading-36px-semibold-font-size: 36px;
--heading-36px-semibold-letter-spacing: 1.44px;
--heading-36px-semibold-line-height: 48px;
--heading-36px-semibold-font-style: normal;
--heading-36px-medium-font-family: "Inter-Medium", Helvetica;
--heading-36px-medium-font-weight: 500;
--heading-36px-medium-font-size: 36px;
--heading-36px-medium-letter-spacing: 1.44px;
--heading-36px-medium-line-height: 30px;
--heading-36px-medium-font-style: normal;
--heading-36px-regular-font-family: "Inter-Regular", Helvetica;
--heading-36px-regular-font-weight: 400;
--heading-36px-regular-font-size: 36px;
--heading-36px-regular-letter-spacing: 1.44px;
--heading-36px-regular-line-height: 30px;
--heading-36px-regular-font-style: normal;
--heading-24px-bold-font-family: "Inter-Bold", Helvetica;
--heading-24px-bold-font-weight: 700;
--heading-24px-bold-font-size: 24px;
--heading-24px-bold-letter-spacing: 0.72px;
--heading-24px-bold-line-height: 24px;
--heading-24px-bold-font-style: normal;
--heading-24px-semibold-font-family: "Inter-SemiBold", Helvetica;
```

```css
--heading-24px-semibold-font-weight: 600;
--heading-24px-semibold-font-size: 24px;
--heading-24px-semibold-letter-spacing: 0.72px;
--heading-24px-semibold-line-height: 24px;
--heading-24px-semibold-font-style: normal;
--heading-24px-medium-font-family: "Inter-Medium", Helvetica;
--heading-24px-medium-font-weight: 500;
--heading-24px-medium-font-size: 24px;
--heading-24px-medium-letter-spacing: 0.72px;
--heading-24px-medium-line-height: 24px;
--heading-24px-medium-font-style: normal;
--heading-24px-regular-font-family: "Inter-Regular", Helvetica;
--heading-24px-regular-font-weight: 400;
--heading-24px-regular-font-size: 24px;
--heading-24px-regular-letter-spacing: 0.72px;
--heading-24px-regular-line-height: 24px;
--heading-24px-regular-font-style: normal;
--heading-20px-bold-font-family: "Inter-Bold", Helvetica;
--heading-20px-bold-font-weight: 700;
--heading-20px-bold-font-size: 20px;
--heading-20px-bold-letter-spacing: 0.6px;
--heading-20px-bold-line-height: 20px;
--heading-20px-bold-font-style: normal;
--heading-20px-semibold-font-family: "Inter-SemiBold", Helvetica;
--heading-20px-semibold-font-weight: 600;
--heading-20px-semibold-font-size: 20px;
--heading-20px-semibold-letter-spacing: 0.6px;
--heading-20px-semibold-line-height: 20px;
--heading-20px-semibold-font-style: normal;
--heading-20px-medium-font-family: "Inter-Medium", Helvetica;
--heading-20px-medium-font-weight: 500;
--heading-20px-medium-font-size: 20px;
--heading-20px-medium-letter-spacing: 0.6px;
--heading-20px-medium-line-height: 20px;
--heading-20px-medium-font-style: normal;
--heading-20px-regular-font-family: "Inter-Regular", Helvetica;
--heading-20px-regular-font-weight: 400;
--heading-20px-regular-font-size: 20px;
--heading-20px-regular-letter-spacing: 0.6px;
--heading-20px-regular-line-height: 20px;
```

```
--heading-20px-regular-font-style: normal;
--heading-32px-bold-font-family: "Inter-Bold", Helvetica;
--heading-32px-bold-font-weight: 700;
--heading-32px-bold-font-size: 32px;
--heading-32px-bold-letter-spacing: 1.28px;
--heading-32px-bold-line-height: 30px;
--heading-32px-bold-font-style: normal;
--heading-32px-semibold-font-family: "Inter-SemiBold", Helvetica;
--heading-32px-semibold-font-weight: 600;
--heading-32px-semibold-font-size: 32px;
--heading-32px-semibold-letter-spacing: 1.28px;
--heading-32px-semibold-line-height: 30px;
--heading-32px-semibold-font-style: normal;
--heading-32px-medium-font-family: "Inter-Medium", Helvetica;
--heading-32px-medium-font-weight: 500;
--heading-32px-medium-font-size: 32px;
--heading-32px-medium-letter-spacing: 1.28px;
--heading-32px-medium-line-height: 30px;
--heading-32px-medium-font-style: normal;
--heading-32px-regular-font-family: "Inter-Regular", Helvetica;
--heading-32px-regular-font-weight: 400;
--heading-32px-regular-font-size: 32px;
--heading-32px-regular-letter-spacing: 1.28px;
--heading-32px-regular-line-height: 30px;
--heading-32px-regular-font-style: normal;
--title-24px-semibold-font-family: "Poppins-SemiBold", Helvetica;
--title-24px-semibold-font-weight: 600;
--title-24px-semibold-font-size: 24px;
--title-24px-semibold-letter-spacing: 0px;
--title-24px-semibold-line-height: 32px;
--title-24px-semibold-font-style: normal;
--title-24px-medium-font-family: "Poppins-Medium", Helvetica;
--title-24px-medium-font-weight: 500;
--title-24px-medium-font-size: 24px;
--title-24px-medium-letter-spacing: 0px;
--title-24px-medium-line-height: 32px;
--title-24px-medium-font-style: normal;
--title-24px-regular-font-family: "Poppins-Regular", Helvetica;
--title-24px-regular-font-weight: 400;
--title-24px-regular-font-size: 24px;
```

```
--title-24px-regular-letter-spacing: 0px;
--title-24px-regular-line-height: 32px;
--title-24px-regular-font-style: normal;
--title-20px-semibold-font-family: "Poppins-SemiBold", Helvetica;
--title-20px-semibold-font-weight: 600;
--title-20px-semibold-font-size: 20px;
--title-20px-semibold-letter-spacing: 0px;
--title-20px-semibold-line-height: 28px;
--title-20px-semibold-font-style: normal;
--title-20px-medium-font-family: "Poppins-Medium", Helvetica;
--title-20px-medium-font-weight: 500;
--title-20px-medium-font-size: 20px;
--title-20px-medium-letter-spacing: 0px;
--title-20px-medium-line-height: 28px;
--title-20px-medium-font-style: normal;
--title-20px-regular-font-family: "Poppins-Regular", Helvetica;
--title-20px-regular-font-weight: 400;
--title-20px-regular-font-size: 20px;
--title-20px-regular-letter-spacing: 0px;
--title-20px-regular-line-height: 26px;
--title-20px-regular-font-style: normal;
--title-16px-semibold-font-family: "Poppins-SemiBold", Helvetica;
--title-16px-semibold-font-weight: 600;
--title-16px-semibold-font-size: 16px;
--title-16px-semibold-letter-spacing: 0px;
--title-16px-semibold-line-height: 20px;
--title-16px-semibold-font-style: normal;
--title-16px-medium-font-family: "Poppins-Medium", Helvetica;
--title-16px-medium-font-weight: 500;
--title-16px-medium-font-size: 16px;
--title-16px-medium-letter-spacing: 0px;
--title-16px-medium-line-height: 24px;
--title-16px-medium-font-style: normal;
--title-16px-regular-font-family: "Poppins-Regular", Helvetica;
--title-16px-regular-font-weight: 400;
--title-16px-regular-font-size: 16px;
--title-16px-regular-letter-spacing: 0px;
--title-16px-regular-line-height: 24px;
--title-16px-regular-font-style: normal;
--title-14px-semibold-font-family: "Poppins-SemiBold", Helvetica;
```

```
        --title-14px-semibold-font-weight: 600;

        --title-14px-semibold-font-size: 14px;

        --title-14px-semibold-letter-spacing: 0px;

        --title-14px-semibold-line-height: 21px;

        --title-14px-semibold-font-style: normal;

        --title-14px-medium-font-family: "Poppins-Medium", Helvetica;

        --title-14px-medium-font-weight: 500;

        --title-14px-medium-font-size: 14px;

        --title-14px-medium-letter-spacing: 0px;

        --title-14px-medium-line-height: 21px;

        --title-14px-medium-font-style: normal;

        --title-14px-regular-font-family: "Poppins-Regular", Helvetica;

        --title-14px-regular-font-weight: 400;

        --title-14px-regular-font-size: 14px;

        --title-14px-regular-letter-spacing: 0px;

        --title-14px-regular-line-height: 21px;

        --title-14px-regular-font-style: normal;

        --title-12px-semibold-font-family: "Poppins-SemiBold", Helvetica;

        --title-12px-semibold-font-weight: 600;

        --title-12px-semibold-font-size: 12px;

        --title-12px-semibold-letter-spacing: 0px;

        --title-12px-semibold-line-height: 18px;

        --title-12px-semibold-font-style: normal;

        --title-12px-medium-font-family: "Poppins-Medium", Helvetica;

        --title-12px-medium-font-weight: 500;

        --title-12px-medium-font-size: 12px;

        --title-12px-medium-letter-spacing: 0px;

        --title-12px-medium-line-height: 18px;

        --title-12px-medium-font-style: normal;

        --title-12px-regular-font-family: "Poppins-Regular", Helvetica;

        --title-12px-regular-font-weight: 400;

        --title-12px-regular-font-size: 12px;

        --title-12px-regular-letter-spacing: 0px;

        --title-12px-regular-line-height: 18px;

        --title-12px-regular-font-style: normal;

        --categogy-20: 0px 2px 10px 2px rgba(0, 0, 0, 0.2);

        --categogy-5: 0px 1px 13px 0px rgba(0, 0, 0, 0.05)

    }
```

CHAPTER 13

CONCLUSION

13. Conclusion

In conclusion, the development and implementation of the Pet Adoption and Selling Portal have not only addressed the immediate need for a user-friendly platform for connecting pet lovers with their ideal companions but have also contributed to the promotion of responsible pet ownership and animal welfare. This project has been a significant step towards creating a positive impact on the lives of pets and their future owners.