# Rescue & Rehome

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BSCpE – 2A

## Brief Description:

**Rescue & Rehome** is an online platform dedicated to promoting pet adoption and donation opportunities. It provides an organized and user-friendly interface where potential pet adopters can view available pets, submit adoption applications, and support the cause through donations. The website aims to bridge the gap between stray or abandoned animals and compassionate individuals or families ready to offer them a loving home.

## Problem Faced:

Many animal rescue centers and shelters struggle with manual or unorganized adoption processes, leading to delays, miscommunication, and under-utilized opportunities for both adopters and the animals. In addition, donations are often difficult to manage or track, making it harder for shelters to sustain operations and provide essential care for the animals.

## Proposed Solution:

The **Rescue & Rehome** website addresses these issues by offering:

- A streamlined **adoption application process**, including detailed forms to gather necessary adopter information.
- **Admin dashboard** for staff to manage and review all applications.
- A **donation system** where users can contribute directly to specific causes such as food, shelter maintenance, or neutering programs.
- A **QR code generator** and thank-you confirmation for successful donation submissions.

## Monitoring and Management:

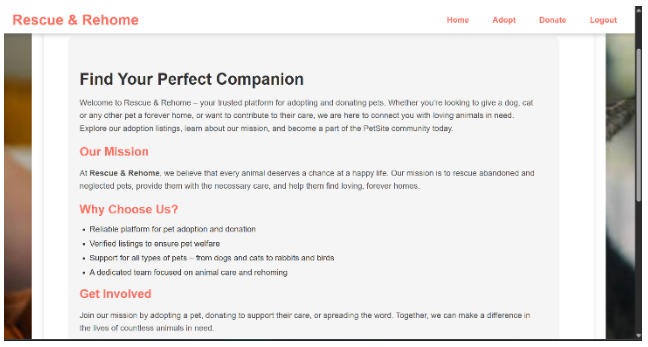
Admins can log in to a separate dashboard to:

- View all adoption applications submitted by users.
- Filter and manage application statuses.
- Access donor information and track contributions.
- Export records for documentation and reporting purposes.

## How It Works:

- Sign up or log in to access full features.
- Browse adoptable pets with photos and details.
- Submit adoption forms with contact info, preferences, and required documents.
- Donate to specific programs via a simple form.
- Receive a confirmation message and QR code after donation**.**

## Website used by user:



Find Your Perfect Companion

Welcome to Rescue & Rehome – your trusted platform for adopting and donating pets. Whether you're looking to give a dog, cat or any other pet a forever home, or want to contribute to their care, we are here to connect you with loving animals in need. Explore our adoption listings, learn about our mission, and become a part of the PetSite community today.

Our Mission

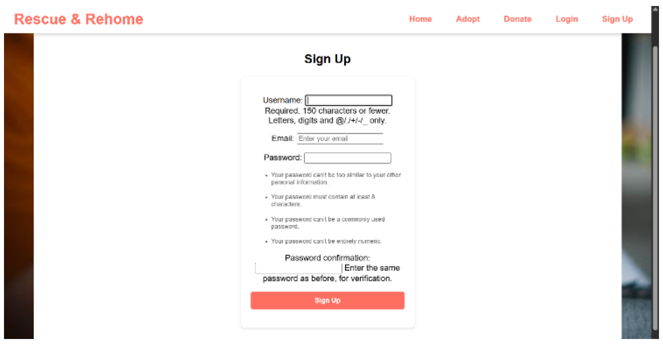
At **Rescue & Rehome**, we believe that every animal deserves a chance at a happy life. Our mission is to rescue abandoned and neglected pets, provide them with the necessary care, and help them find loving, forever homes.

Why Choose Us?

- Reliable platform for pet adoption and donation
- Verified listings to ensure pet welfare
- Support for all types of pets – from dogs and cats to rabbits and birds
- A dedicated team focused on animal care and rehoming

Get Involved

Join our mission by adopting a pet, donating to support their care, or spreading the word. Together, we can make a difference in the lives of countless animals in need.

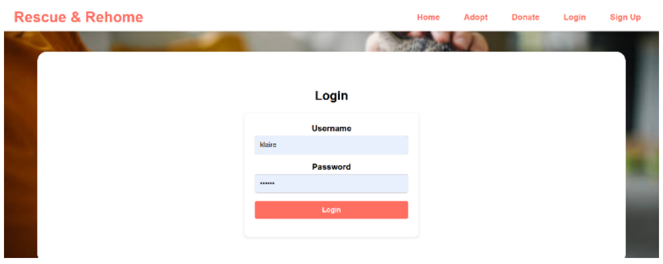


Sign Up

Username:
Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.
Email: Enter your email
Password:

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

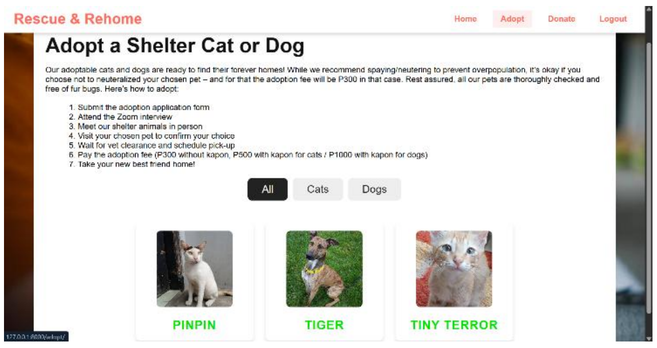
Password confirmation:
Enter the same password as before, for verification.



Login

Username: klaire
Password: ••••••

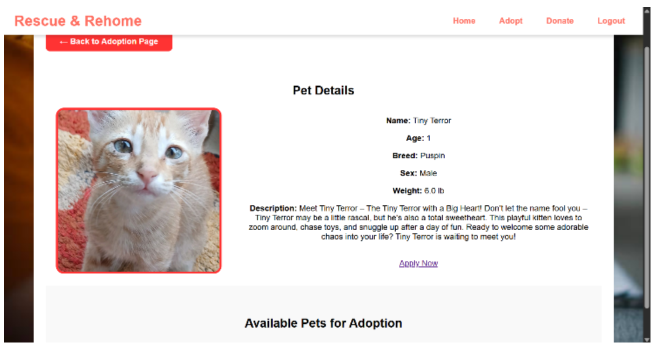
## Adoption Site:



Adopt a Shelter Cat or Dog

Our adoptable cats and dogs are ready to find their forever homes! While we recommend spaying/neutering to prevent overpopulation, it's okay if you choose not to neuteralized your chosen pet – and for that the adoption fee will be P300 in that case. Rest assured, all our pets are thoroughly checked and free of fur bugs. Here's how to adopt:

1. Submit the adoption application form
2. Attend the Zoom interview
3. Meet our shelter animals in person
4. Visit your chosen pet to confirm your choice
5. Wait for vet clearance and schedule pick-up
6. Pay the adoption fee (P300 without kapon, P500 with kapon for cats / P1000 with kapon for dogs)
7. Take your new best friend home!


Rescue & Rehome

Pet Details

**Name:** Tiny Terror

**Age:** 1

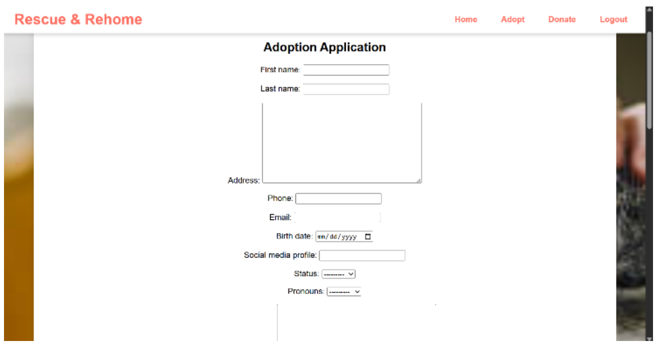
**Breed:** Puspin

**Sex:** Male

**Weight:** 6.0 lb

**Description:** Meet Tiny Terror – The Tiny Terror with a Big Heart! Don't let the name fool you – Tiny Terror may be a little rascal, but he's also a total sweetheart. This playful kitten loves to zoom around, chase toys, and snuggle up after a day of fun. Ready to welcome some adorable chaos into your life? Tiny Terror is waiting to meet you!

Available Pets for Adoption


Rescue & Rehome

Adoption Application

First name:

Last name:

Address:

Phone:

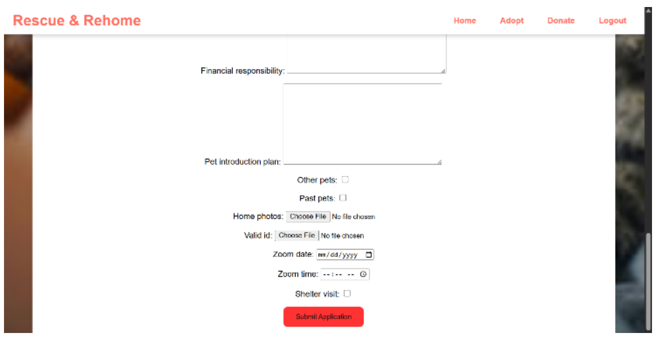
Email:

Birth date: mm/dd/yyyy

Social media profile:

Status: --------

Pronouns: --------


Rescue & Rehome

Financial responsibility:

Pet introduction plan:

Other pets: ☐

Past pets: ☐

Home photos: Choose File No file chosen

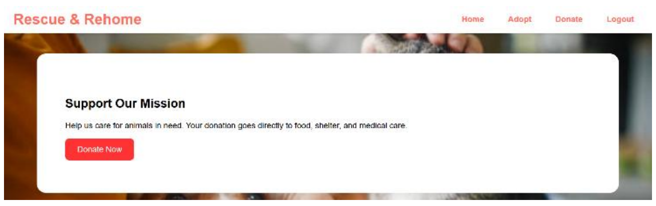
Valid id: Choose File No file chosen

Zoom date: mm/dd/yyyy

Zoom time: --:-- --

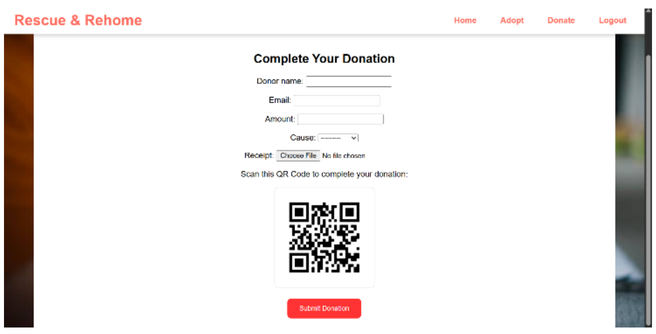
Shelter visit: ☐

## Donate Site:


Rescue & Rehome

Support Our Mission

Help us care for animals in need. Your donation goes directly to food, shelter, and medical care.


Rescue & Rehome

Complete Your Donation

Donor name:

Email:

Amount:

Cause: --------

Receipt: Choose File No file chosen

Scan this QR Code to complete your donation:

## How It Solves the Problem:

By digitizing the adoption and donation process, **Rescue & Rehome**:

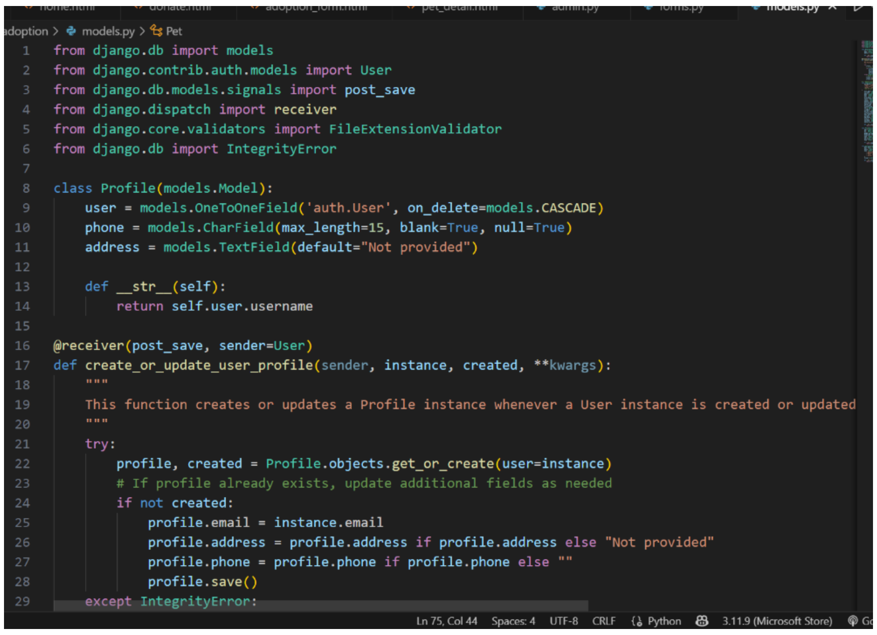
- Reduces delays in pet placement and improves adoption success rates.
- Enhances transparency and accountability in donation management.
- Provides timely communication between adopters and the rescue team.
- Makes it easier to plan and allocate resources based on accurate data.

## Unique Features of Rescue & Rehome

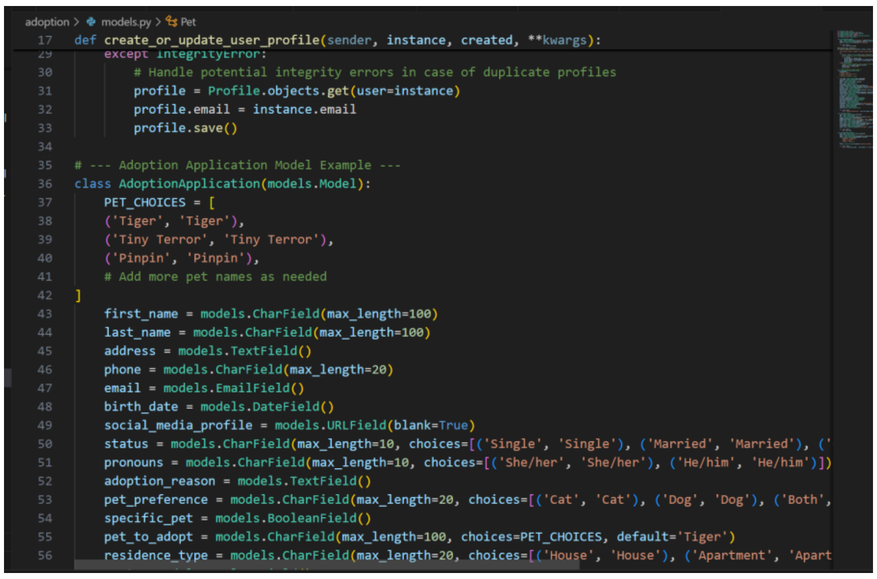
**Dual login:** Separate access for users and admins.

- **Structured adoption application form** with file uploads and scheduling options.
- **Donation form** linked to causes with QR code confirmation.
- **Admin panel** for full oversight of applications and donations.
- **Pet detail view pages** with adoption request integration.
- **User feedback:** Success messages and guided form responses.

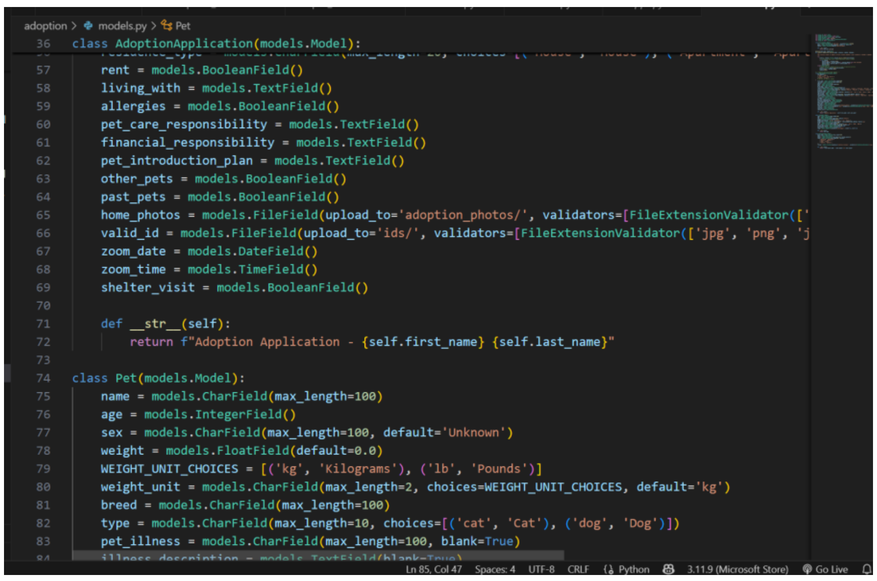
## Models.py


adoption > models.py > Pet
Ln 75, Col 44  Spaces: 4  UTF-8  CRLF  Python  3.11.9 (Microsoft Store)

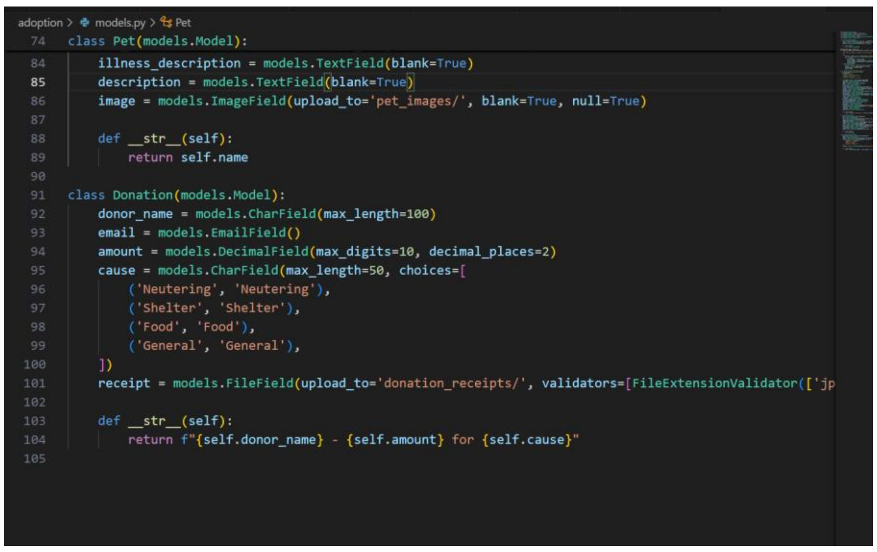
```python
from django.db import models
from django.contrib.auth.models import User
from django.db.models.signals import post_save
from django.dispatch import receiver
from django.core.validators import FileExtensionValidator
from django.db import IntegrityError

class Profile(models.Model):
    user = models.OneToOneField('auth.User', on_delete=models.CASCADE)
    phone = models.CharField(max_length=15, blank=True, null=True)
    address = models.TextField(default="Not provided")

    def __str__(self):
        return self.user.username

@receiver(post_save, sender=User)
def create_or_update_user_profile(sender, instance, created, **kwargs):
    """
    This function creates or updates a Profile instance whenever a User instance is created or updated
    """
    try:
        profile, created = Profile.objects.get_or_create(user=instance)
        # If profile already exists, update additional fields as needed
        if not created:
            profile.email = instance.email
            profile.address = profile.address if profile.address else "Not provided"
            profile.phone = profile.phone if profile.phone else ""
            profile.save()
    except IntegrityError:
```



```python
def create_or_update_user_profile(sender, instance, created, **kwargs):
    except IntegrityError:
        # Handle potential integrity errors in case of duplicate profiles
        profile = Profile.objects.get(user=instance)
        profile.email = instance.email
        profile.save()

# --- Adoption Application Model Example ---
class AdoptionApplication(models.Model):
    PET_CHOICES = [
    ('Tiger', 'Tiger'),
    ('Tiny Terror', 'Tiny Terror'),
    ('Pinpin', 'Pinpin'),
    # Add more pet names as needed
]
    first_name = models.CharField(max_length=100)
    last_name = models.CharField(max_length=100)
    address = models.TextField()
    phone = models.CharField(max_length=20)
    email = models.EmailField()
    birth_date = models.DateField()
    social_media_profile = models.URLField(blank=True)
    status = models.CharField(max_length=10, choices=[('Single', 'Single'), ('Married', 'Married'), ('
    pronouns = models.CharField(max_length=10, choices=[('She/her', 'She/her'), ('He/him', 'He/him')])
    adoption_reason = models.TextField()
    pet_preference = models.CharField(max_length=20, choices=[('Cat', 'Cat'), ('Dog', 'Dog'), ('Both',
    specific_pet = models.BooleanField()
    pet_to_adopt = models.CharField(max_length=100, choices=PET_CHOICES, default='Tiger')
    residence_type = models.CharField(max_length=20, choices=[('House', 'House'), ('Apartment', 'Apart
```


adoption > models.py > Pet
Ln 85, Col 47 Spaces: 4 UTF-8 CRLF Python 3.11.9 (Microsoft Store) Go Live

```python
class AdoptionApplication(models.Model):
    rent = models.BooleanField()
    living_with = models.TextField()
    allergies = models.BooleanField()
    pet_care_responsibility = models.TextField()
    financial_responsibility = models.TextField()
    pet_introduction_plan = models.TextField()
    other_pets = models.BooleanField()
    past_pets = models.BooleanField()
    home_photos = models.FileField(upload_to='adoption_photos/', validators=[FileExtensionValidator(['
    valid_id = models.FileField(upload_to='ids/', validators=[FileExtensionValidator(['jpg', 'png', 'j
    zoom_date = models.DateField()
    zoom_time = models.TimeField()
    shelter_visit = models.BooleanField()

    def __str__(self):
        return f"Adoption Application - {self.first_name} {self.last_name}"

class Pet(models.Model):
    name = models.CharField(max_length=100)
    age = models.IntegerField()
    sex = models.CharField(max_length=100, default='Unknown')
    weight = models.FloatField(default=0.0)
    WEIGHT_UNIT_CHOICES = [('kg', 'Kilograms'), ('lb', 'Pounds')]
    weight_unit = models.CharField(max_length=2, choices=WEIGHT_UNIT_CHOICES, default='kg')
    breed = models.CharField(max_length=100)
    type = models.CharField(max_length=10, choices=[('cat', 'Cat'), ('dog', 'Dog')])
    pet_illness = models.CharField(max_length=100, blank=True)
    illness_description = models.TextField(blank=True)
```



```python
class Pet(models.Model):
    illness_description = models.TextField(blank=True)
    description = models.TextField(blank=True)
    image = models.ImageField(upload_to='pet_images/', blank=True, null=True)

    def __str__(self):
        return self.name

class Donation(models.Model):
    donor_name = models.CharField(max_length=100)
    email = models.EmailField()
    amount = models.DecimalField(max_digits=10, decimal_places=2)
    cause = models.CharField(max_length=50, choices=[
        ('Neutering', 'Neutering'),
        ('Shelter', 'Shelter'),
        ('Food', 'Food'),
        ('General', 'General'),
    ])
    receipt = models.FileField(upload_to='donation_receipts/', validators=[FileExtensionValidator(['jp

    def __str__(self):
        return f"{self.donor_name} - {self.amount} for {self.cause}"
```