

Pet Pawradise

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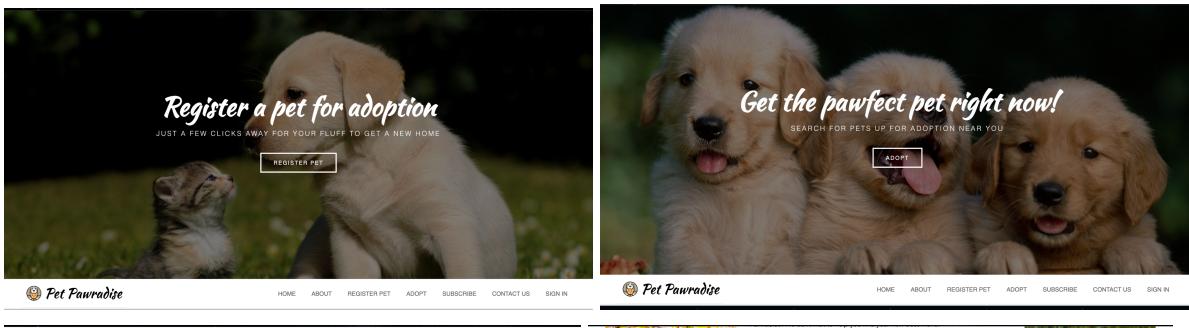
Basic overview of the app:

Pet Pawradise is an adoption website designed to help pets find their forever homes. The website has a user-friendly interface with four main pages: home, register pet, adopt pet, and sign-in page.

Home page:

The home page of the website features an eye-catching design with high-quality images of pets. It also provides brief information about the website and its mission. The page encourages users to register their pets for adoption and to search for pets available for adoption. It has a banner at the top of the page which has two banners, one which links to the register pet page and another which links to the adopt pet page. It has an About section which describes the purpose of the app. There's also a section to subscribe to 'Pup-razzi', which is a weekly exclusive starting soon on the site. The Keep in Touch section is if a signed in user wants to send a message to the admin of the app. At the end there is the contact and follow section.

Following are the screenshots of the Home page from top to bottom:



Keep In Touch



Register page:

The register pet page allows users to add their pets to the website's database and then directly list them on the Adopt page. For now, the pets allowed to be registered are dogs or cats. Further advancement would be to check if the registered details are legitimate, before the pet is listed on the Adopt page. The user should have signed in once, so that his details are in the database, only then can he register a pet for adoption. Users can enter their pet's details such as their name, age, breed, vaccination status, full address and a brief description. They should also upload a photo of their pet to make their profile more attractive to potential adopters. All the fields are required in the form. The form displays an error message if the username or password is incorrect, else it stores the data in the database.

If the user types any error, then it generates a flash message and then empties the form :

Register for Adoption

Incorrect password!

Username:

Password:

[Signup if you don't already have an account!](#)

Fill in the pet details below :

Dog/Cat :

Name (If it doesn't have a name yet, don't hesitate to give any name you'd like) :

If the user types correct username and password, then success message is displayed:

Register for Adoption

Data and image saved successfully!

Username:

Password:

[Signup if you don't already have an account!](#)

Fill in the pet details below :

Dog/Cat :

Name (If it doesn't have a name yet, don't hesitate to give any name you'd like) :

Adopt page:

The adopt pet page enables users to search for pets available for adoption. Users can filter their search results by pet type, breed, age, and location.(The backend is not added yet as it was supposed to be done by my teammate but he didn't and then I had no time, but I didn't remove it as I worked hard on the frontend) . The page displays pets' photos, names, and brief descriptions, making it easier for users to find a pet that matches their preferences. When the user clicks on the Adopt now button, then a popup opens with all the details of the pet, and this popup has another Adopt Now button which redirects to the Adoption form popup. The adoption form shows flash messages, on successful or unsuccessful adoption requests.

The following is the Adopt page after I registered the following pets:

This screenshot shows the Pet Pawradise adopt page. On the left, there's a sidebar with filters for Dog / Cat (Any), State (All States), Vaccination Status (Any), and Breed (All Breeds). A 'Filter' button is at the bottom. Below the filters, a 'Sort By' dropdown is set to 'Recommended'. The main area shows 'Showing 7 results...' with four cards for dogs: Umm, Lily, Tiger, and Sheru. Each card includes a photo, name, approximate age, breed, location, vaccination status, and an 'Adopt Now' button. Below these are three smaller images of cats: Tina, Shera, and another dog. The footer has links for GO BACK TO HOME, REGISTER PET, CONTACT US, and SIGN IN.

A modal window titled 'Pet Details' is shown for the dog 'Sheru'. It displays a photo of Sheru, her approximate age (1 yrs 2 months), breed (Golden Retriever), and vaccination status (Fully Vaccinated). An 'Adopt Now' button is at the bottom.

Another view of the 'Pet Details' modal for 'Sheru', showing the same information and an 'Adopt Now' button.

A third view of the 'Pet Details' modal for 'Sheru', showing the same information and an 'Adopt Now' button.

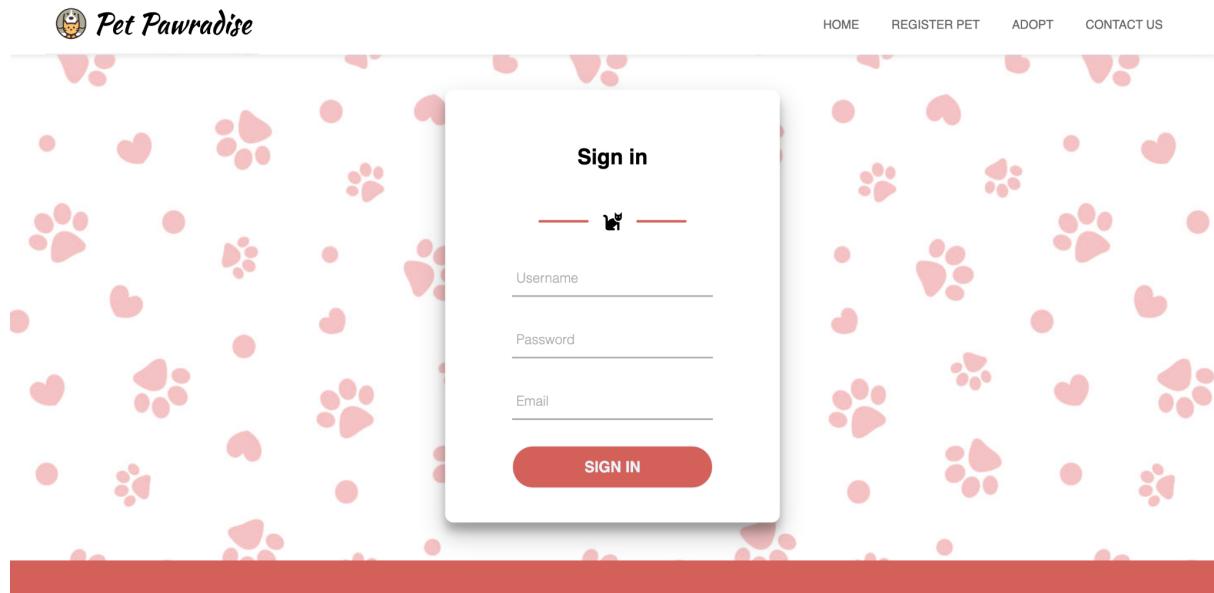
A modal window titled 'Adoption Form' is shown. It has fields for Name, Email, Phone, Address, City, State, Zip Code, Pet ID (with a note to enter the correct ID from the details page), Experience with pets (with a note to select one), and a Message field. A 'Submit' button is at the bottom.

Another view of the 'Adoption Form' modal, showing the same fields and instructions.

A third view of the 'Adoption Form' modal, showing the same fields and instructions.

Sign In Page:

The sign-in page allows users to create an account on the website so that they can register a pet for adoption. It displays an error flash message if the username already exists.



Overall, Pet Pawradise is an excellent adoption website that provides a platform for pets to find their forever homes. The website's simple and user-friendly design makes it easy for users to navigate through the different pages and find the information they need. The website also ensures that pets' profiles are attractive to potential adopters, increasing their chances of finding a loving home.

How to run the app:

The backend is done with Flask and the frontend is done with HTML, CSS, JS. To run the app setup virtual environment. To create the database for the app, please enter the following table descriptions in pets.sql file submitted in the zip on classroom. We then need to change the sql database configuration in the backend/main.py file (main flask app) and backend/ut.py file(unit test file) according to your system.

To run the app go to the backend directory and enter the command:

flask run

The home page will start to run on server url <http://127.0.0.1:5000/main>

Run the unit tests file named ut.py by running following command from the root directory:

coverage run backend/ut.py

To get the code coverage report enter following command:

coverage report

The above command will generate the code coverage report, the following is the code coverage report on my machine:

```
(venv) aditi@Aditis-MacBook-Air Pet-Pawradise-main 2 % coverage report
```

Name	Stmts	Miss	Cover
backend/main.py	202	17	92%
backend/ut.py	304	0	100%
TOTAL	506	17	97%