PET CARE MANAGER

Keep Your Pets Organized

Track vet visits, grooming dates, vaccinations, and important notes for every pet in one simple dashboard. No more digging through screenshots or random notes.

[View My Pets]   [Add New Pet]

Add your pets

Name, breed, colour, age, weight, gender — everything stored in one place.
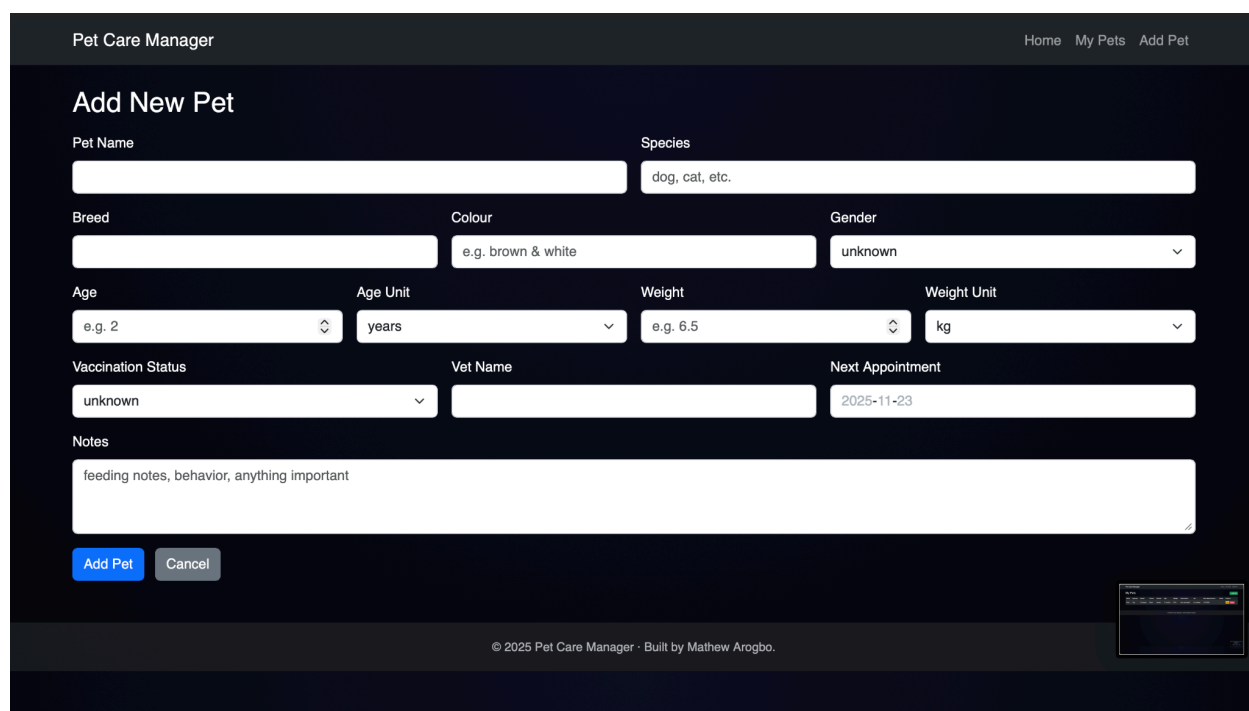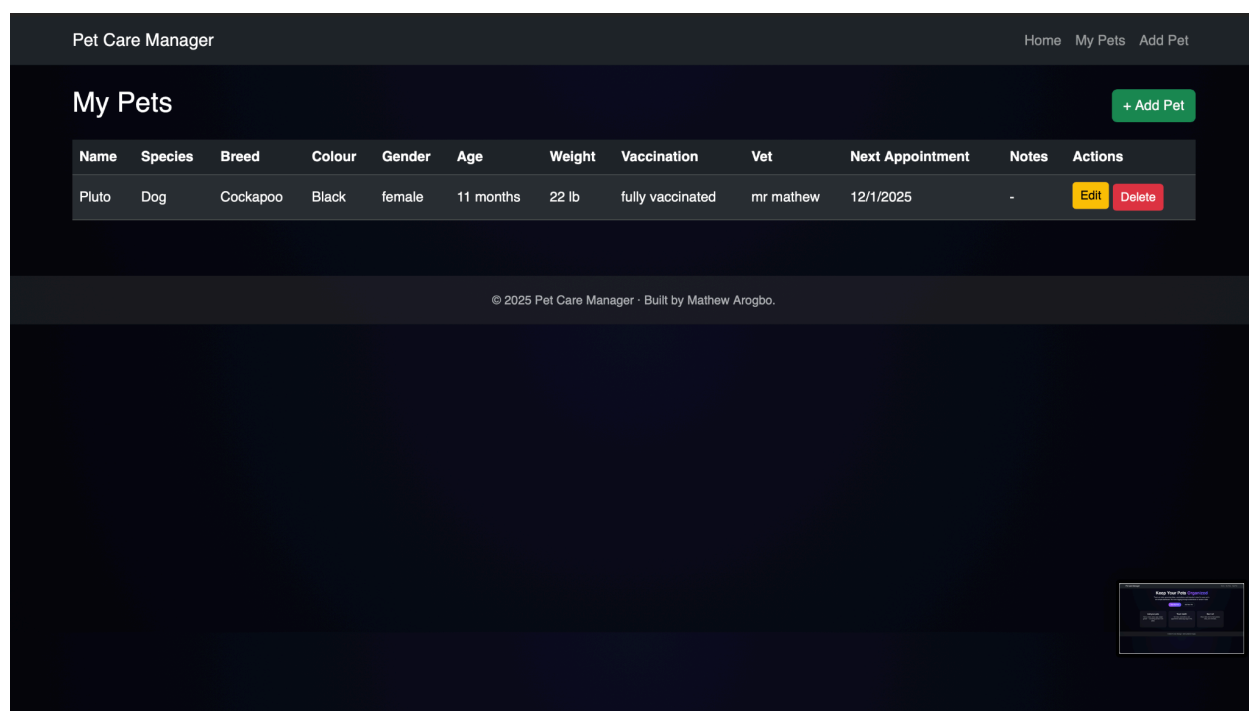
Track health

Vet visits, vaccinations, and appointment dates stay easy to find.

See it all

Clean table view for fast updates, edits, and reminders.

My Pets

+ Add Pet

Name	Species	Breed	Colour	Gender	Age	Weight	Vaccination	Vet	Next Appointment	Notes	Actions
Pluto	Dog	Cockapoo	Black	female	11 months	22 lb	fully vaccinated	mr mathew	12/1/2025	-	Edit Delete

Add New Pet

Pet Name

Species
dog, cat, etc.

Breed

Colour
e.g. brown & white

Gender
unknown

Age
e.g. 2

Age Unit
years

Weight
e.g. 6.5

Weight Unit
kg

Vaccination Status
unknown

Vet Name

Next Appointment
2025-11-23

Notes
feeding notes, behavior, anything important

Add Pet   Cancel

Project Overview

For this assignment, I chose to build a Pet Care Manager, which is a simple dashboard that helps pet owners keep all their pet information in one place. Instead of having vet dates, vaccination notes, and reminders scattered across screenshots or random notes on your phone, everything is organized and easy

to access. I wanted something clean, straightforward, and actually useful beyond just being a school project. The app lets users add pets, update details, track health information, and delete old entries when needed, keeping everything in one spot without making the process complicated.

Why I Chose This Idea

I picked this project because a lot of people I know have pets, and everyone keeps their pet info scattered everywhere. Some have reminders in their phone, others have random notes, and sometimes you forget when the last vet visit was. This app solves that by keeping everything in one dashboard.

Also, I didn't want to build another gym tracker or assignment tracker since those were already common. A pet manager is unique, simple, and still fits the CRUD requirements perfectly.

Target Users

This app is for anyone who owns a pet and wants a simpler way to keep track of things can use this app. Having everything in one location makes life much easier because often individuals forget vet dates or wind up making notes in strange locations. Users who just enjoy maintaining organization without putting forth extra effort might also benefit from it. Creating something that is simple to use and doesn't require you to manage several tasks is the main goal.

Project Features

Users can add all the important details for each pet, including the name, species, breed, colour, age in years or months, weight, and gender. It keeps everything consistent and easy to look back on.

The app also lets owners keep track of health-related info. Vet names, vaccination notes, upcoming appointment dates, and any extra notes can all be saved in one place, so nothing gets forgotten.

If something changes, users can update a pet's information at any time. Pets grow, switch vets, or gain or lose weight, and the edit option makes it easy to keep everything current.

When a pet no longer needs to be listed, it can be removed permanently. There's also a confirmation page before anything is deleted to prevent mistakes.

All pets show up in a simple table view, so owners can quickly scan everything and find what they need without digging around.

Tech Stack & Tools

Front-end
EJS is used for the views, Bootstrap 5 is used for the layout, and some custom CSS is used to give the interface a cleaner, darker appearance.

Backend
All of the data is kept in MongoDB Atlas, and the server is powered by Node.js using Express. I handled the database models and queries using Mongoose.

Deployment
Render's free tier, which was sufficient for this project, is used to host the app.

Version Control
Git is used to organize everything, and it is pushed to GitHub.
To ensure that no private information comes up on GitHub, I utilized a.env file for the database connection and placed it to.gitignore.

Application Flow User opens the homepage

1. Adds a new pet using a form
2. Info gets saved to MongoDB Atlas
3. User views pets on the dashboard
4. Buttons allow editing or deleting
5. Deleted pets are removed from the database

Conclusion

The Pet Care Manager is a simple, useful CRUD app that helps keep all pet information in one place. It makes tracking vet visits, updates, and notes a lot easier instead of having everything scattered. This project covers the full stack: clean routing, a connected database, version control, and a full cloud deployment. It meets all the requirements for the assignment and still feels like something practical that someone could actually use.