

Pet Care and Adoption Web App

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Group No: 78



Introduction to the Project

- ❖ A digital platform for pet care, adoption, and marketplace services.
- ❖ Features simple health assistance, adoption listings, and pet product shopping.
- ❖ Connects pet owners, adopters, and animal lovers into a supportive community.



Advantages



Easy pet adoption process through advanced search and listing.

Pet health recommendations.



Marketplace integration for pet products.

Community-driven pet care tips.



Constraints



User authentication security requirements.



Limited payment methods initially (Easypaisa and bank transfers).



Non-Functional Requirements (NFRs)

NFR 1: Security

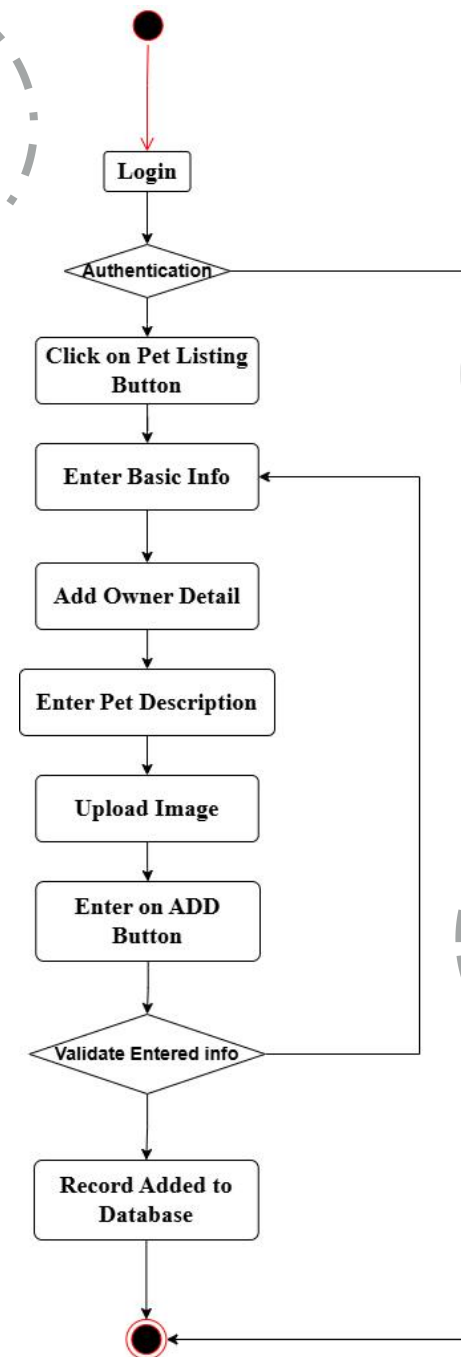
- ❖ Secure user authentication and payment processing.

NFR 2: Usability

- ❖ User-friendly interface for pet search, listing, and product browsing.

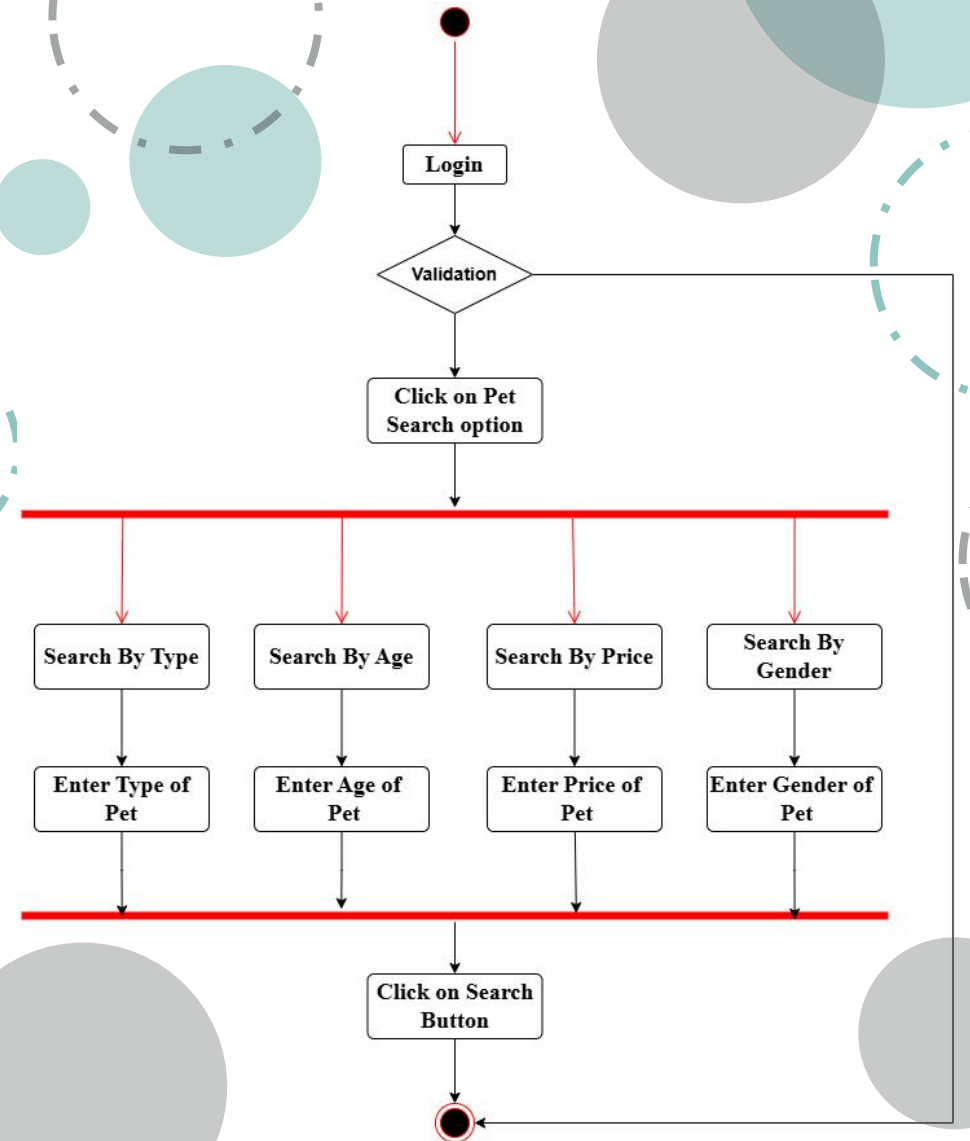
Activity Diagram

Pet listing process



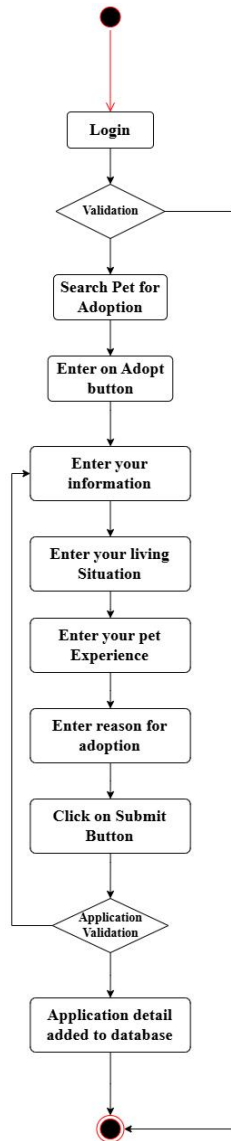
Activity Diagram

Pet Search process

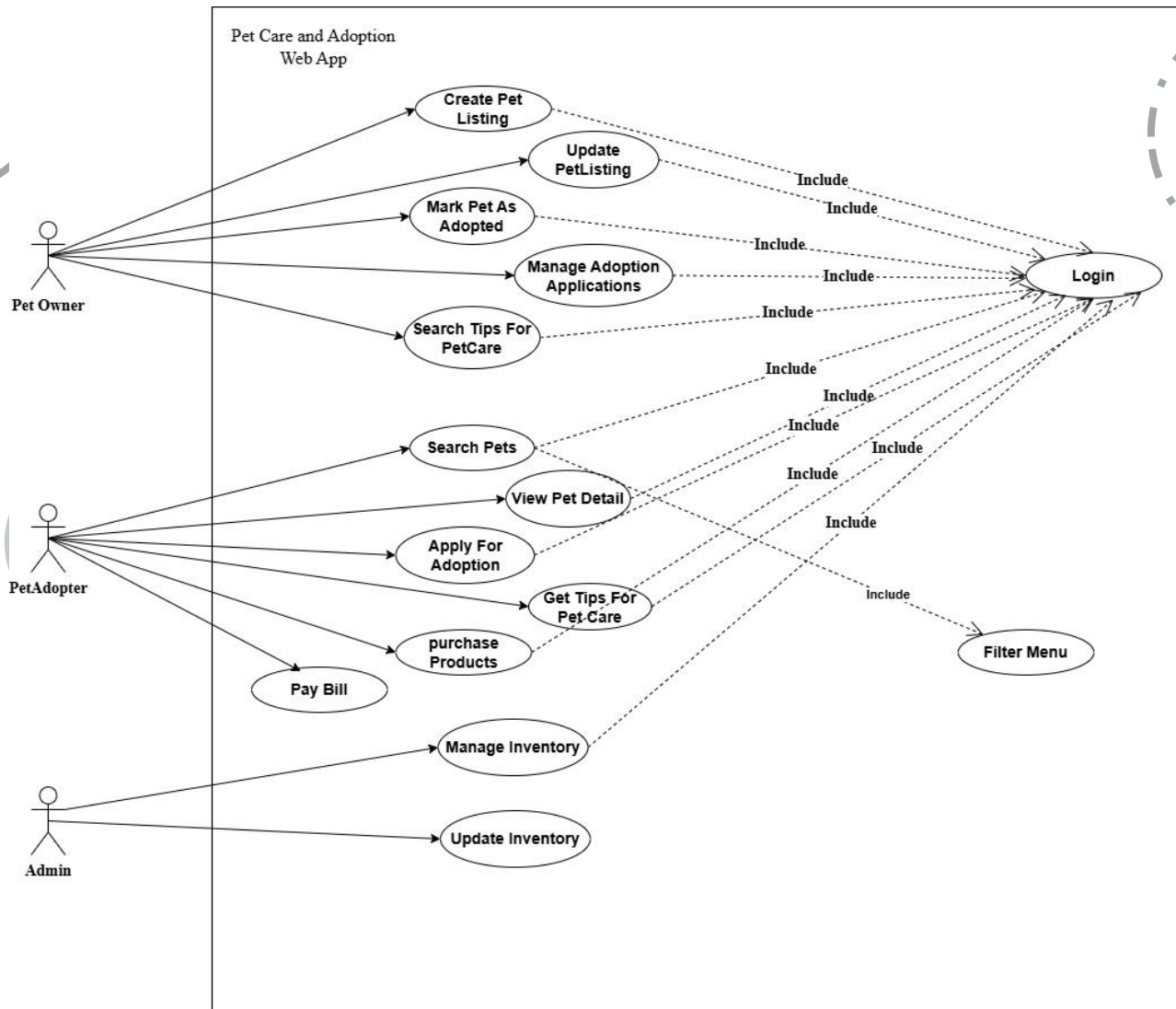


Activity Diagram

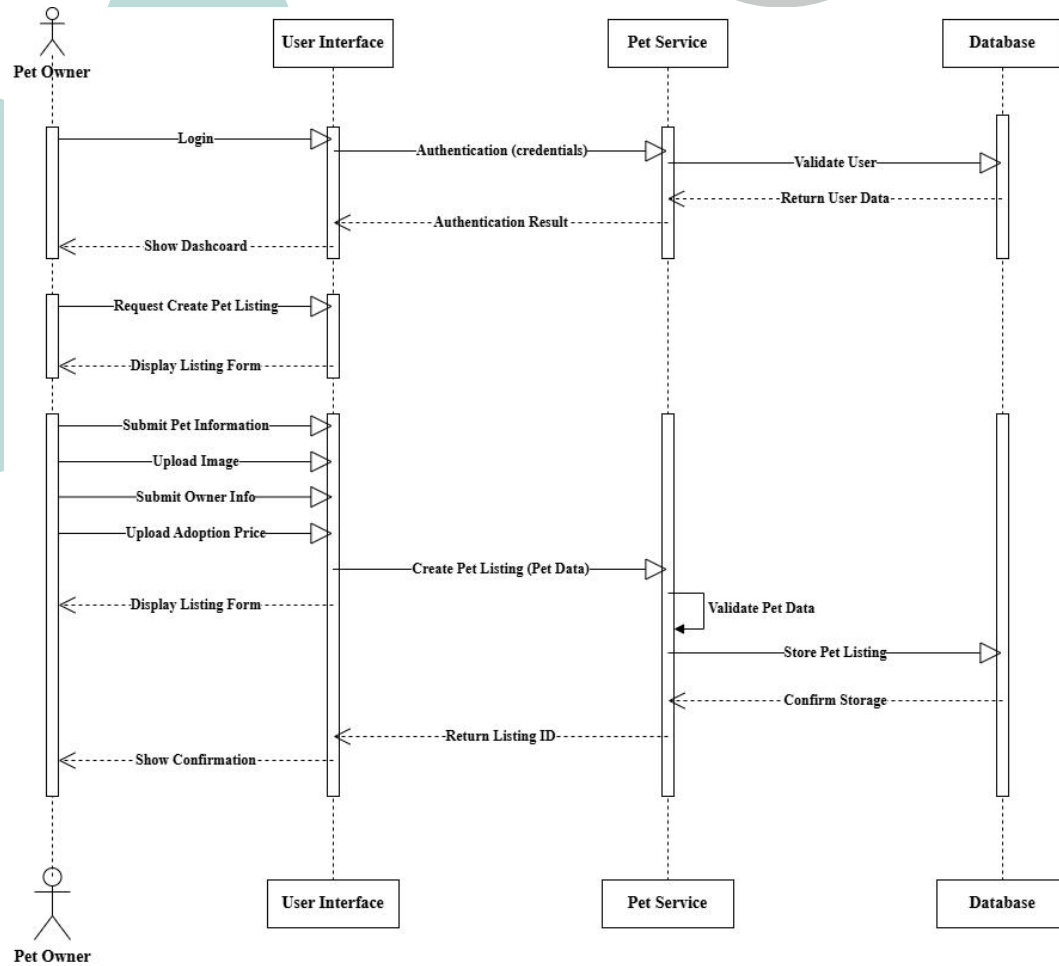
Adoption Application process



Use Case Diagram



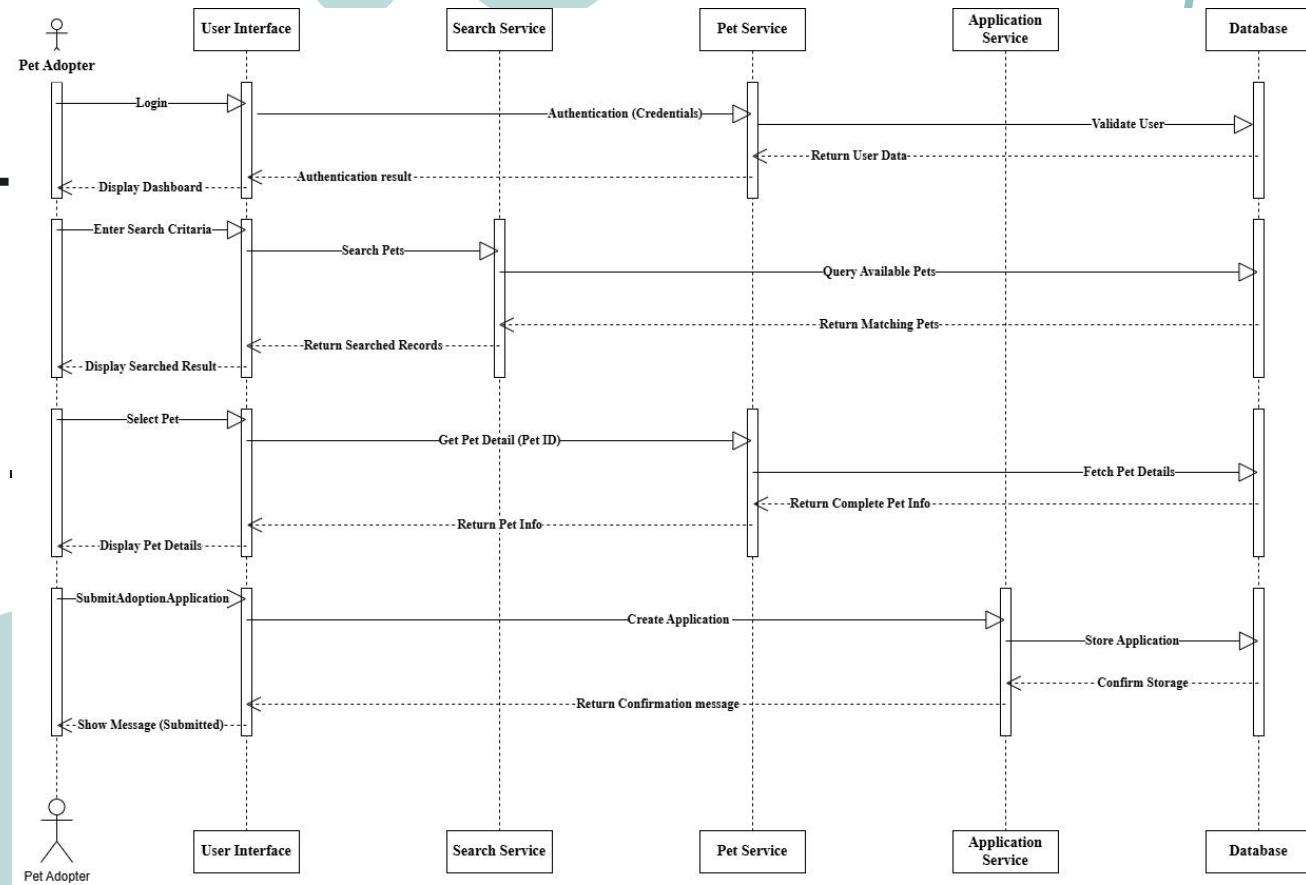
Sequence Diagram

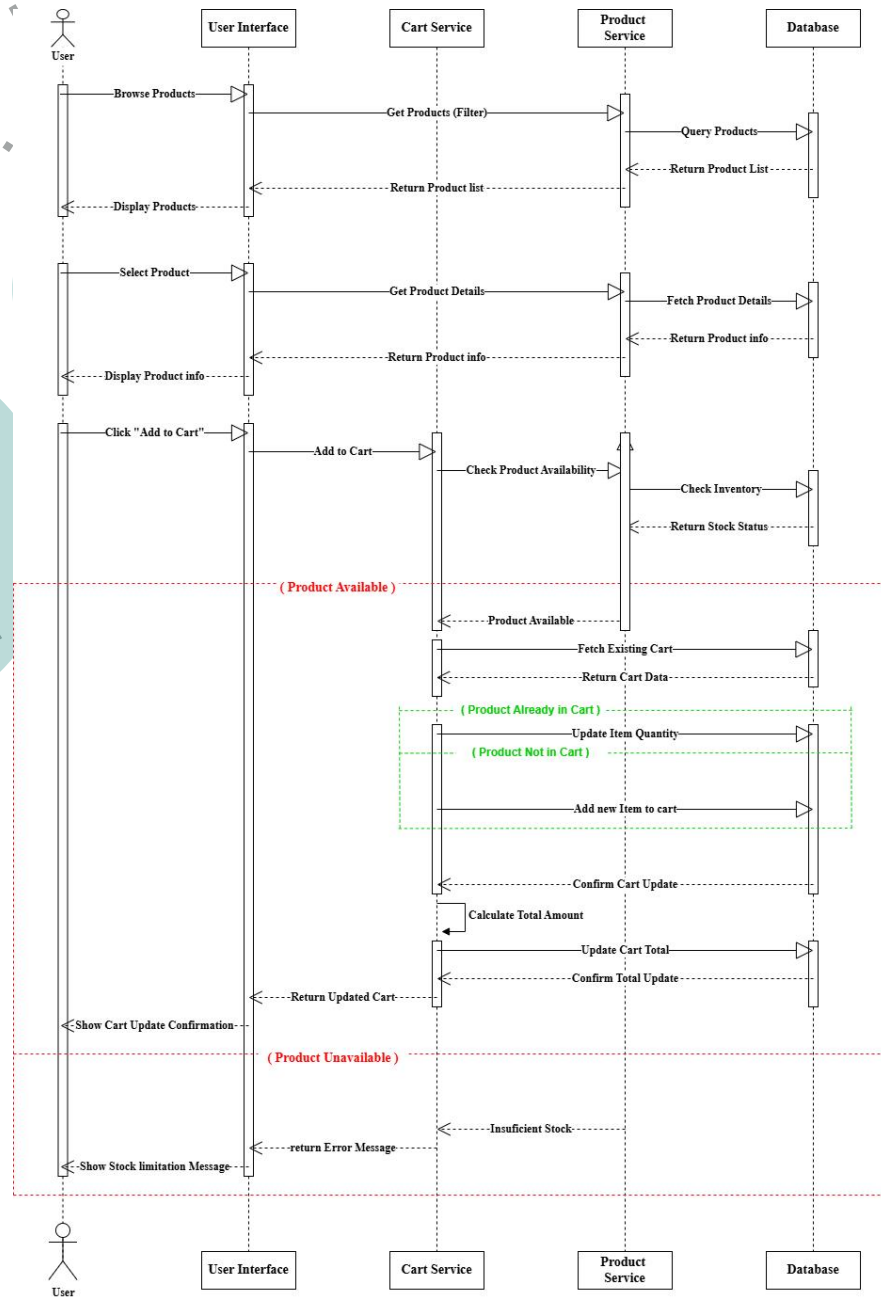


Pet List Creating

Sequence Diagram

Pet Search and Application

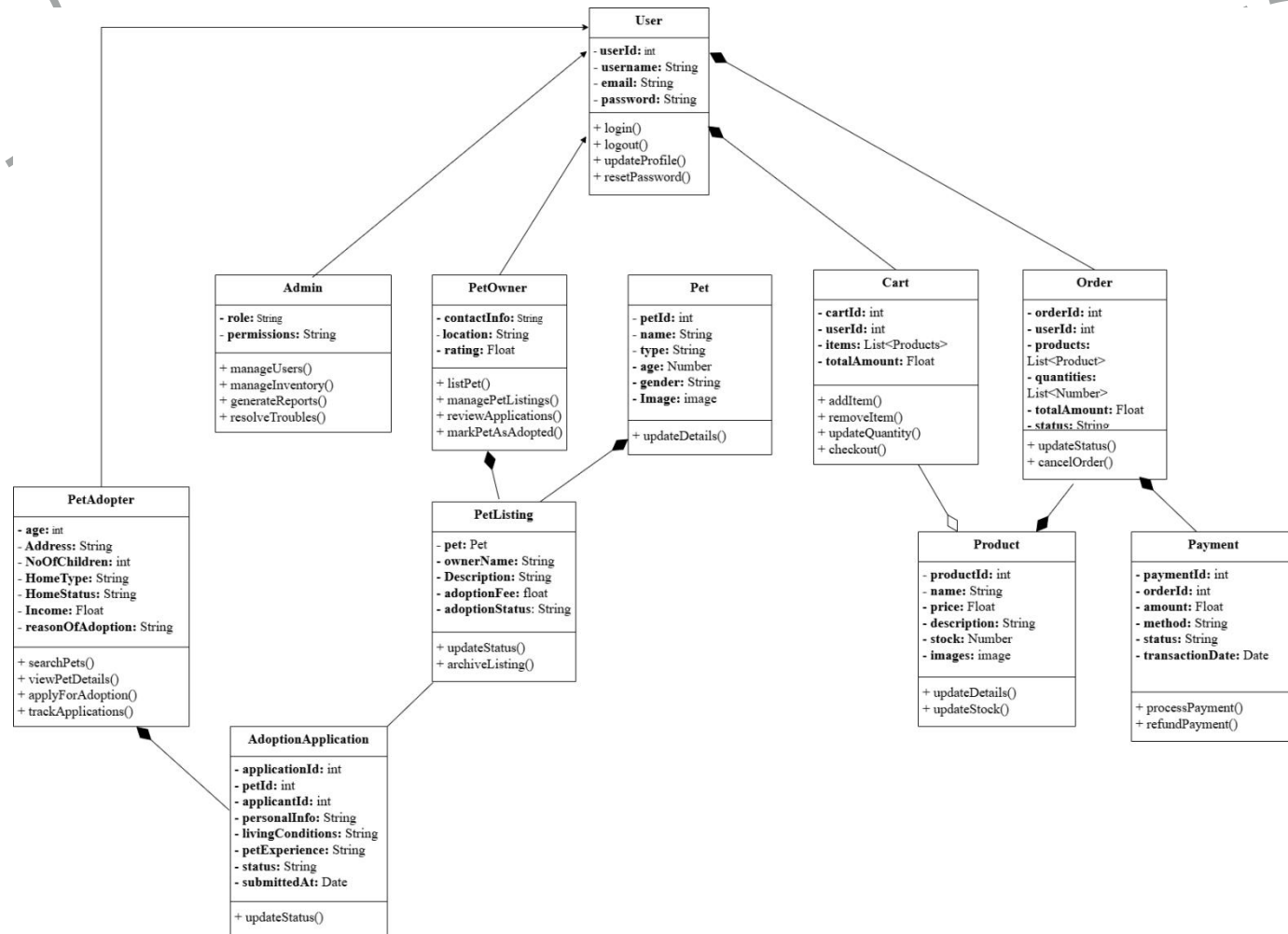




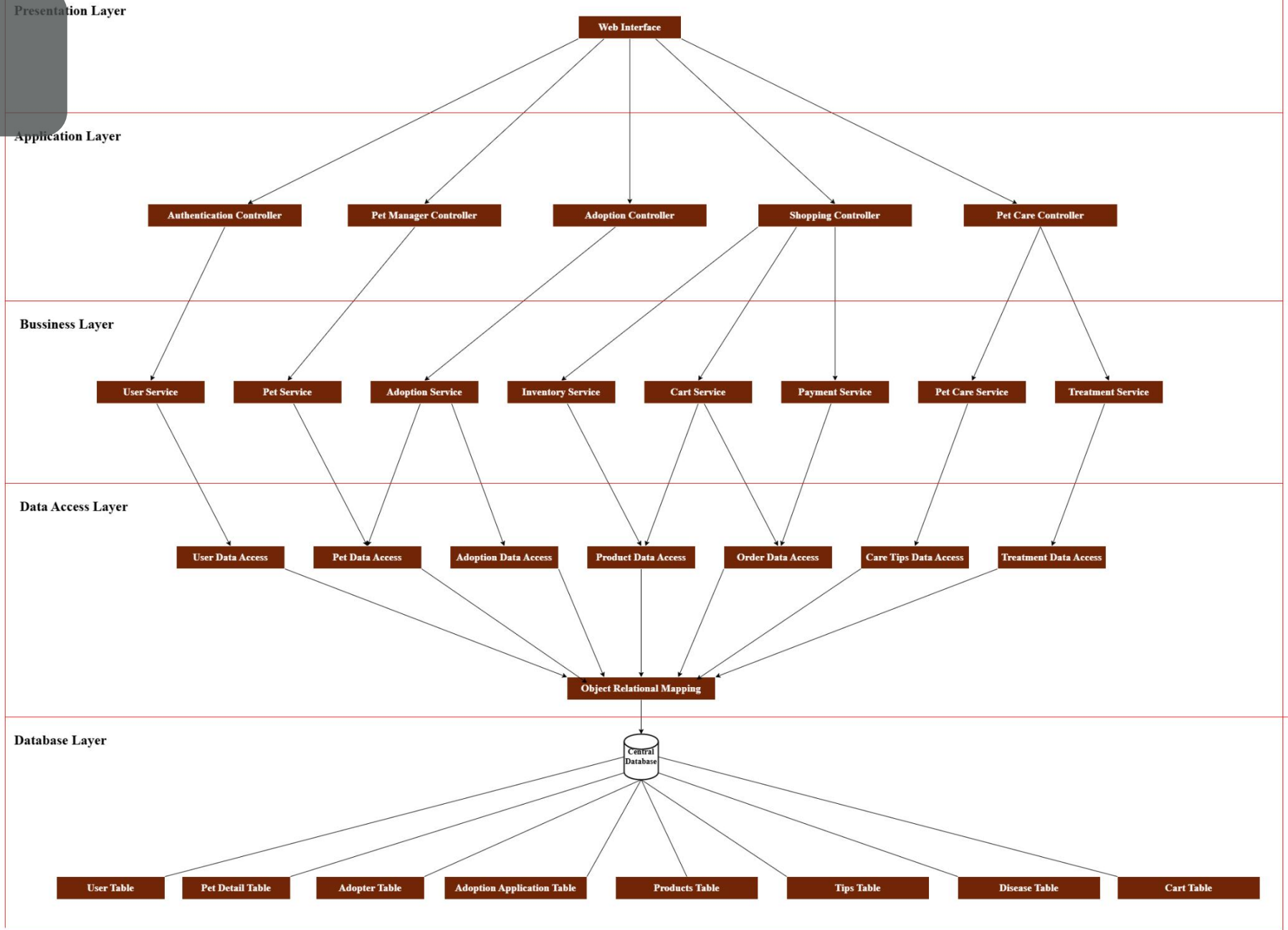
Sequence Diagram

Add Product To Cart

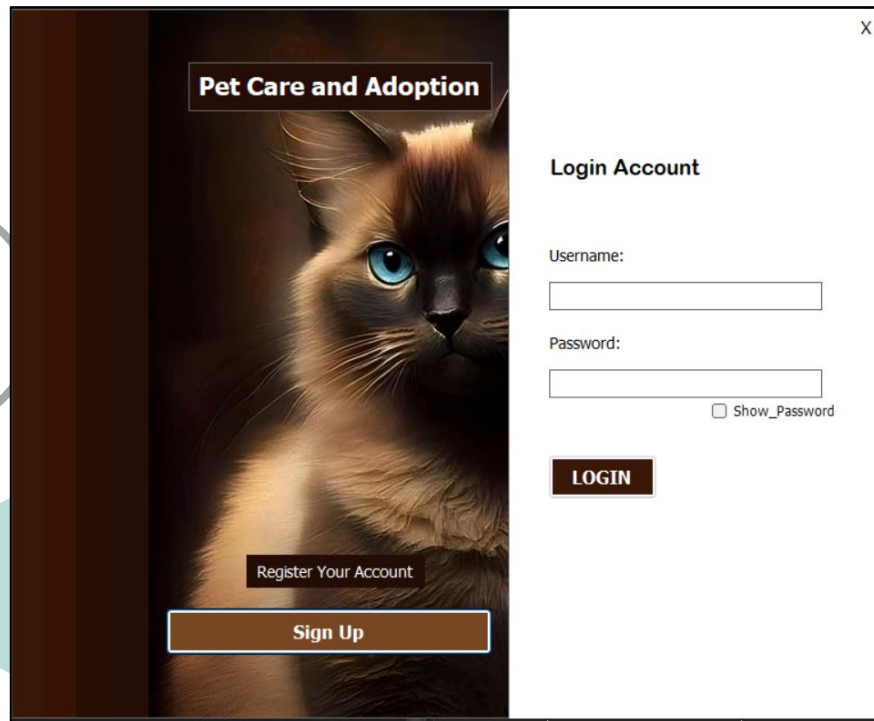
Class Diagram



Architecture



Implementation



Pet Care and Adoption

Login Account

Username:

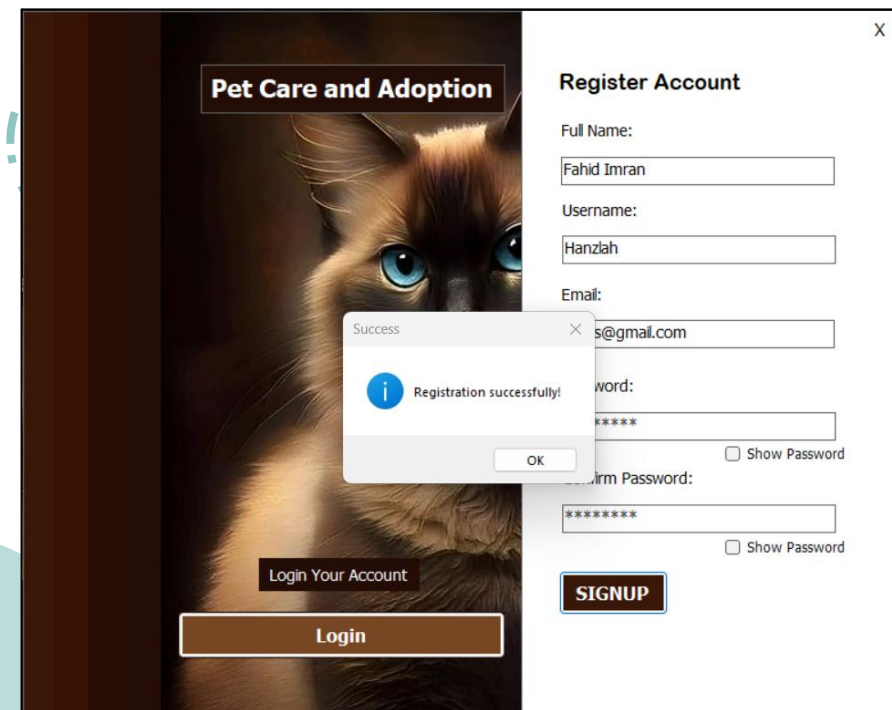
Password:

☐ Show_Password

LOGIN

Register Your Account

Sign Up



Pet Care and Adoption

Register Account

Full Name:

Username:

Email:

Password:

☐ Show Password

Confirm Password:

☐ Show Password

SIGNUP

Login Your Account


Login


Success
Registration successfully!
OK


PET CARE & ADOPTION

[Home](#)
[Adopt a Pet](#)
[Pet Supplies](#)
[Pet Health and Care](#)
[Manager Options](#)




PET CARE & ADOPTION



Pet Listing

Owner Name:

Pet Type:

Pet Name:

Owner Contact Number:

Adoption Price:

Gender:

Pet Age:

Add

 Home



Search By Type

Search By Age

Search By Price

Search By Gender

 PET CARE & ADOPTION

Search



This is my cutest pet.

Pet ID: 1

Adopt



Name: Kiti

Price: \$ 67.40

Type: Cat

Age: 1

Contact: 45268

Gender: Female

Description:
this is brown cat.

Pet ID: 3

Adopted

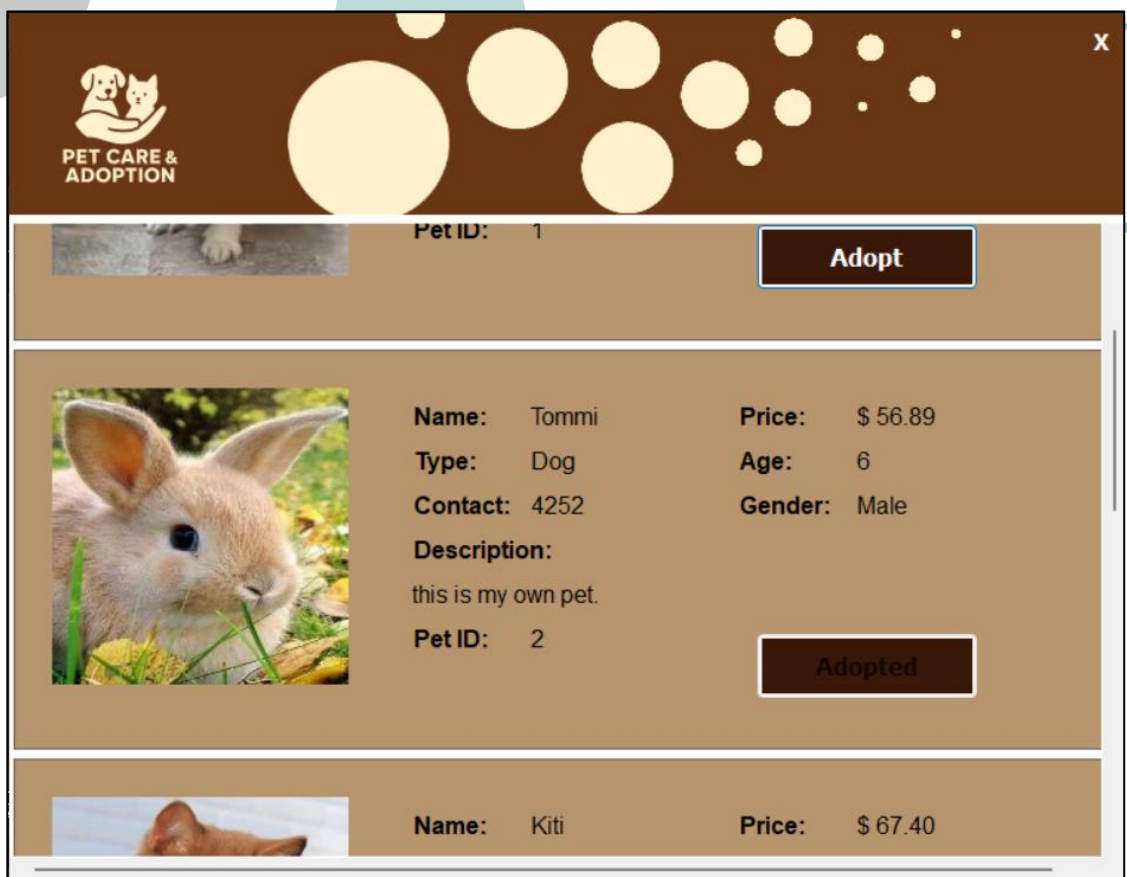



Name: Tommi

Price: \$ 56.89

Type: Cat

Age: 5





Adoption Application

Your Name:

Your Age:

Your Phone Number:

Your Email Address:


Your City:

Your Town:




Qasim Ali Shah, a 56 - year - old resident of Springfield, has submitted an adoption application for a pet. He currently lives in a Apartment that he Rent and resides at Street No. 45, House No. 234, in Gujrat's Qasmi Town area. Qasim Ali Shah has 3 children. The reason of adoption for Qasim Ali Shah is "beacuse I am alone.". His monthly income is \$3.00, ensuring financial stability to care for the pet. His contact details include Phone: 678-6789 and Email: khsyg@gamil.com.His application, submitted on 2/2/2006 12:00:00 AM, is currently under review.If approved, he will be adopting Romio, with Pet ID 1.

Saad, a 56 - year - old resident of Springfield, has submitted an adoption application for a pet. He currently lives in a Apartment that he Rent and resides at Street No. 6, House No. 345, in Gujrat's Saddi_ town area. Saad has 3 children. The reason of adoption for Saad is "this is jakhj g hga faguk ga.". His monthly income is \$3.00, ensuring financial stability to care for the pet. His contact details



Search

Add To Cart



Product Name: jdfdj

Type: dog


Price: \$ 67.34

Quantity: 2

Product ID: 2

Description: jhgdjqhgdjw hsgdjs gd sjhdgs dghsdg shd hsgd s


Add To Cart




PET CARE & ADOPTION

Cart

X

Product Name	Quantity	Price	Total Price	Remove
paoiaup a	9	\$ 79.80	\$ 718.20	
			Grand Total:	\$ 718.20
				Pay



PET CARE & ADOPTION

Search


Fleas:

Fleas are tiny parasites that live on the skin and feed on blood, causing excessive itching, redness, hair loss, and discomfort in pets.

Solutions:

- 1: Use an apple cider vinegar and water spray to repel fleas.
- 2: Bathe the pet with lemon-infused water.
- 3: Wash pet bedding in hot water weekly.
- 4: Comb the pet's fur daily with a flea comb.

Ticks:



PET CARE & ADOPTION

Search

House Training Your Dog:

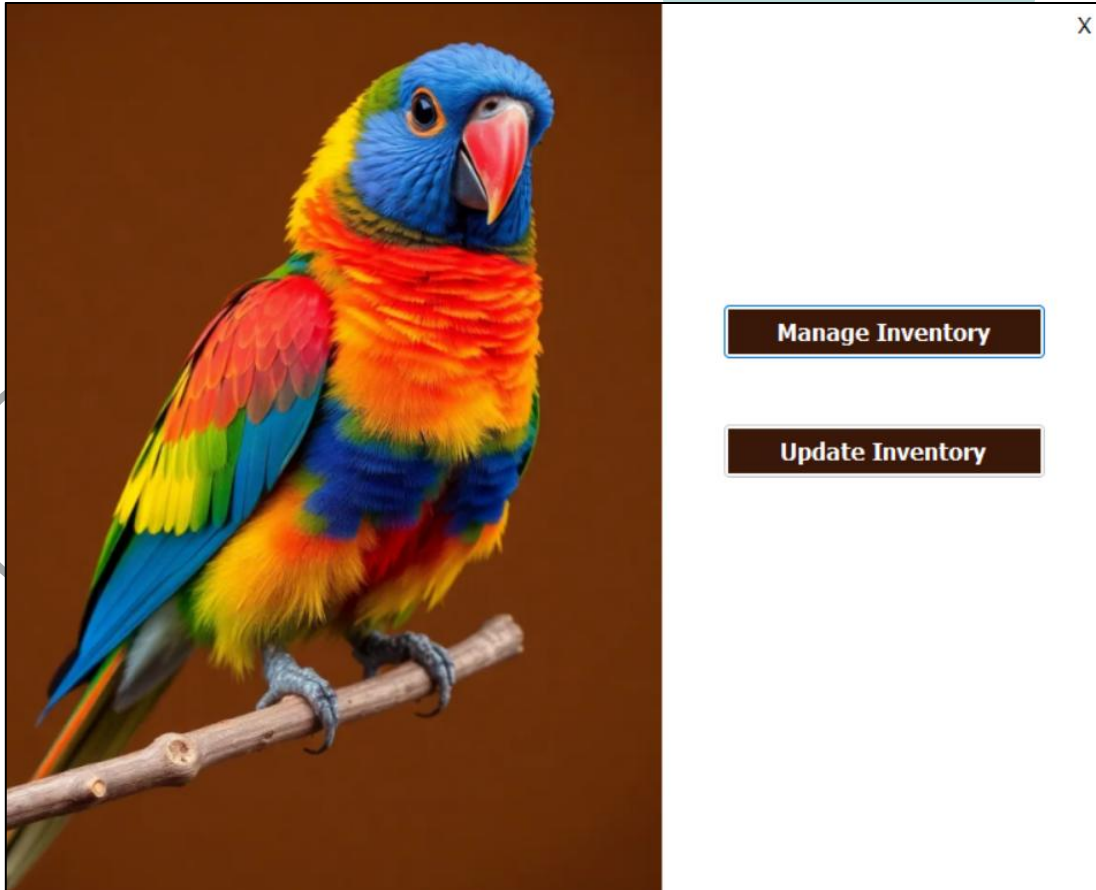
Establish a routine for bathroom breaks, reward positive behavior, and be patient for consistent results.


For: Dog

Brushing a Cat's Fur:

Use a soft-bristle brush and groom your cat regularly to prevent mats and reduce shedding.

For: Cat

A screenshot of a web application window titled 'X' in the top right corner. The window is divided into two main sections. The left section features a large image of a small white rabbit sitting on a wooden surface. In the top left corner of this section is a small dark brown square icon containing a white paw print and a silhouette of a cat. The right section is a white panel titled 'Add to Inventory' in bold black text. It contains several form fields: 'Product Name:' with a text input field, 'For Which Pet Type:' with a dropdown menu, 'Price:' with a text input field, 'Quantity' with a text input field, and 'Description:' with a larger text input field. At the bottom right of this panel is a dark brown button with white text that says 'Add'.

**PET CARE & ADOPTION**

Search


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Ticks:

**PET CARE & ADOPTION**

Search

House Training Your Dog:

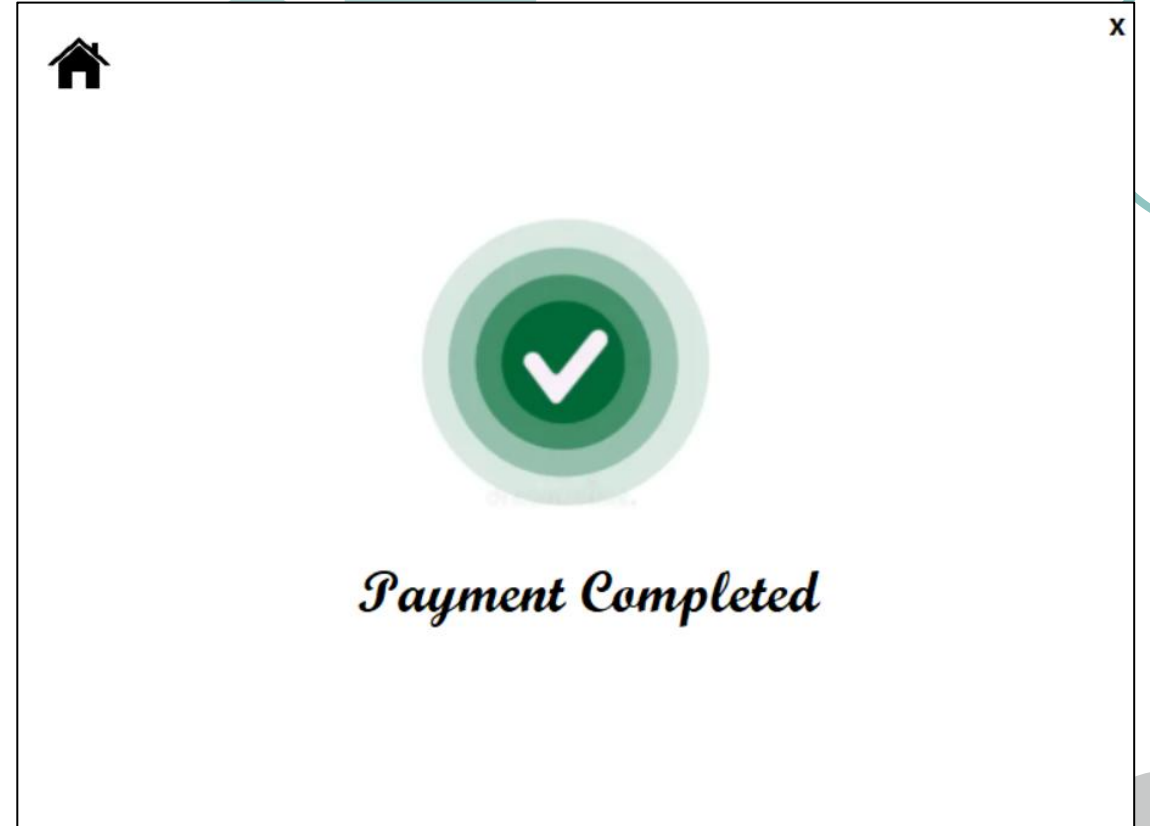
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For: Cat







X

Bank Transfer

Select Bank:

Enter Account Number:

Amount:

718.20

OK





X

Easypaisa

Enter Phone Number:

Amount:

718.20

OK

Lessons Learned



Importance of good documentation and UML diagrams.

Learning layered architecture design.



Improved project management and teamwork skills.

Real-world software engineering practices.



Work Division Between Group Members

Sprint 1:

- ❖ Fahid Imran: Documentation & Requirements
- ❖ Hanzlah Hassan: Implementation
- ❖ Awais: Project Manager & Tester

Sprint 2 & 3:

- ❖ Fahid Imran: Implementation
- ❖ Hanzlah Hassan: Documentation
- ❖ Awais: Project Manager & Tester





Thank You