DBMS MINI-PROJECT REPORT ON

"PET MANAGEMENT AND BREEDING SYSTEM"

SUBMITTED BY

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UNDER THE GUIDANCE OF

Professor Sheetal Girase

AT

MIT-WPU
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ABSTRACT:

The Pet Breeding and Management System is a web-based application designed to simplify the management of pet breeding and care. This system aims to provide a platform for pet breeders and pet owners to manage their pets' breeding and health records efficiently.

The Pet Breeding and Management System is designed to simplify the management of pet breeding operations. The system provides a centralized platform that allows breeders to keep track of their pet inventory, breeding schedules, and health records.

The system offers a user-friendly interface that simplifies data entry, retrieval, and analysis. It also provides real-time reporting and analytics that aid in decision-making, such as identifying profitable breeding pairs or tracking breeding costs.

The system facilitates online access to pet health records, automates breeding and mating record keeping, and provides an easy-to-use interface for tracking pet care activities.

In this report, we present the design and implementation of the Pet Breeding and Management System, including the system flow architecture, database design, graphical user interface, and server-side database handling details.

The system is built using HTML, CSS, and PHP programming languages, and a MySQL database management system. This report also includes screenshots of the system interface, ER diagram, and plagiarism report.

Overall, this system helps pet breeders to streamline their operations, increase productivity, and improve profitability by providing a complete solution for pet breeding and management.

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LIST OF ABBREVIATIONS:

1. GUI : Graphical User Interface
2. ERD: Entity Relationship Diagram
3. HTML: Hyper Text Markup Language
4. CSS: Cascading Style Sheets
5. PHP : Hypertext Preprocessor
6. MySQL: My Structured Query Language

1. INTRODUCTION:

Pet breeding and management are becoming increasingly popular activities among pet owners, breeders, and enthusiasts. Keeping track of a pet's health records, breeding history, and care activities can be time-consuming and difficult without an effective system in place.

To simplify this process, we have designed and implemented the Pet Breeding and Management System. The system aims to provide a centralized platform for pet owners and breeders to manage their pets' records and care activities efficiently. This report provides an overview of the system architecture, graphical user interface, database design, and server-side database handling details.

The Pet Breeding and Management System architecture is designed with a client-server model in mind. The client-side application is implemented as a web-based application, which is accessible from any device with an internet connection. This allows pet owners and breeders to access the system from anywhere, at any time, making it convenient to manage their pets' records and activities

2. PROBLEM DEFINITION:

It is crucial for both owners and breeders to be aware of the medical histories of the pets involved in order to make pet breeding easier for owners. Due to a lack of medical knowledge, the pets are frequently not a good match for one another. So, a database must be created for this purpose: -

Clinic has a physical address and a registration number, and several veterinarians with their vetID, names, specializations, and phone numbers who work there.

The pet owner can bring their animal to the closest clinic, where they will register their information (name, phone number, address, number of pets, projected cost per progeny, etc.) and receive an owner ID.

The clinic will be contacted by the pet breeder, who will then provide them a breeder ID and store their name, phone number, address, breeding fees, and the breed and gender of their animals.

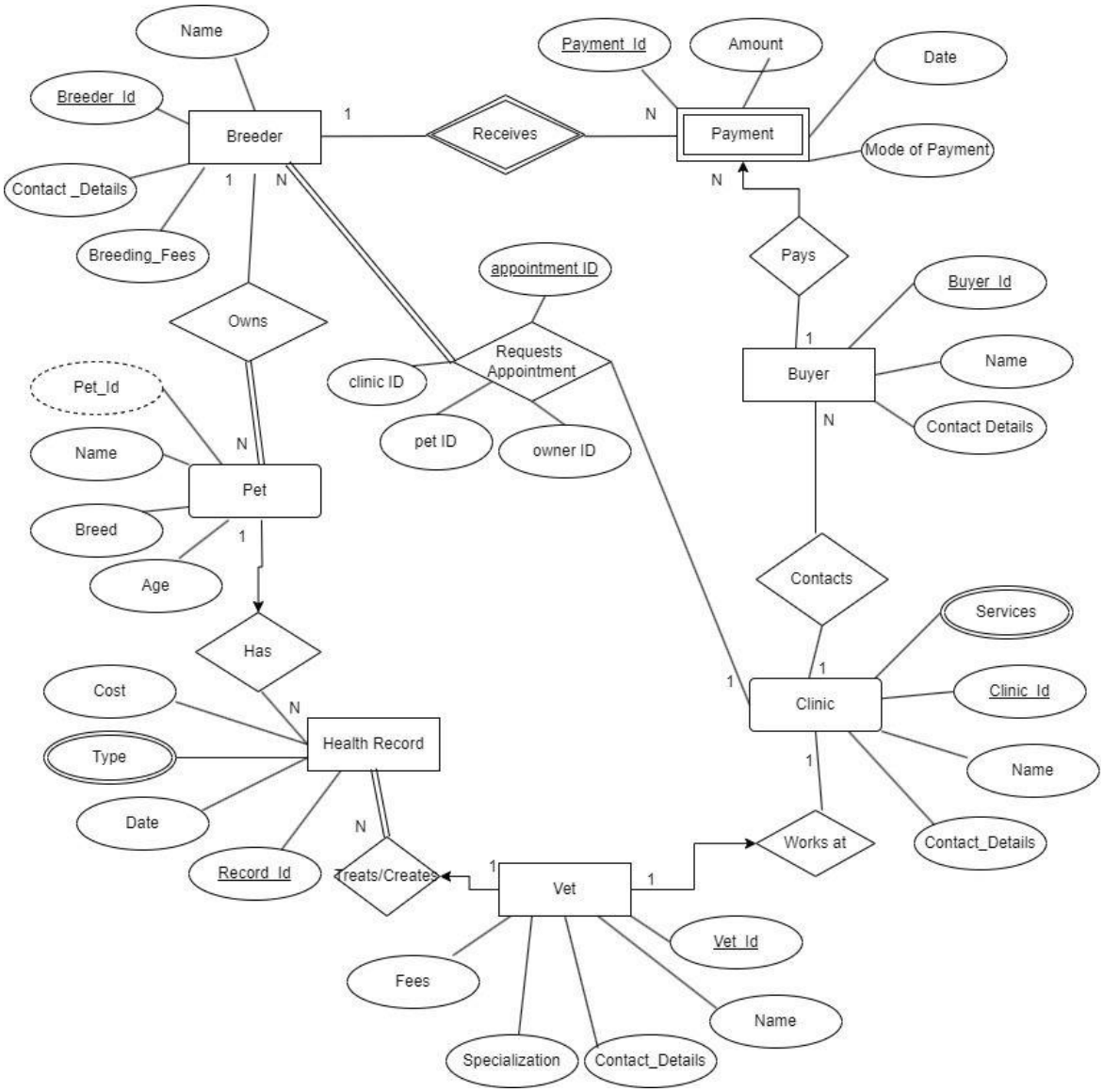
The pet buyer is an entity who wants to own pets of a certain breed, gender and for a fixed amount.

They can get in touch with the breeder, who will keep the buyer's contact information, including name, phone number, and address (gender, breed, and price).

The breeder and owner of the animal will bring it to the clinic where the veterinarian will care for it and record the following details: name, collar ID, breed, colour, weight, and age. And the veterinarian gathers the animal medical report during the analysis.

For each clinic in the city there will be breeders who will contact the veterinarian, owner and buyer for the smooth functioning of the process.

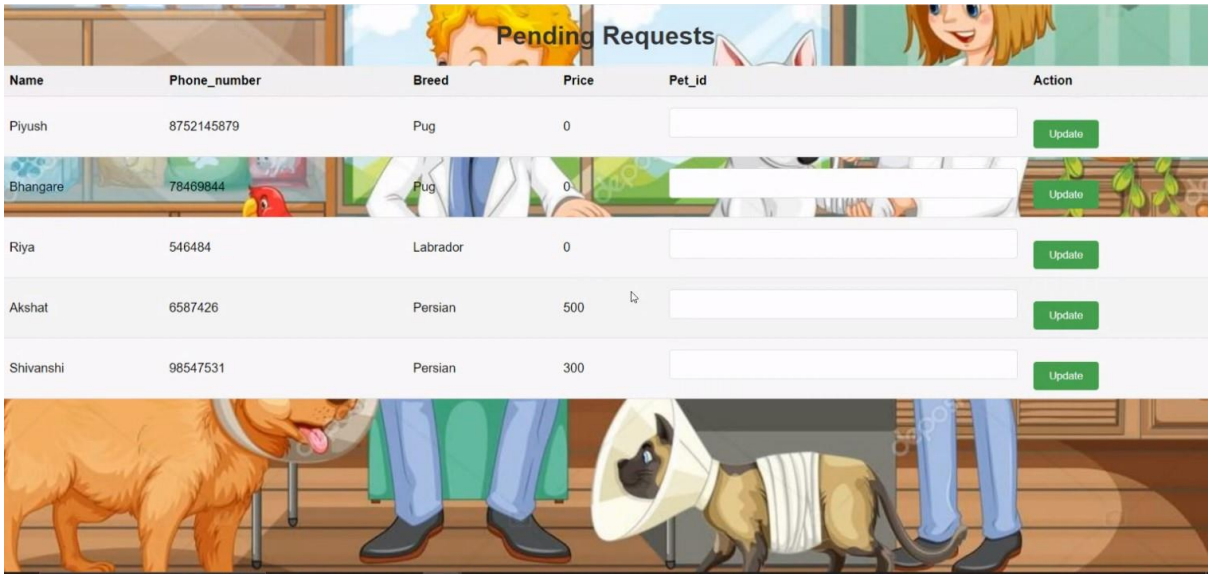
3. SYSTEM FLOW ARCHITECTURE WITH DATABASE DESIGN (ER DIAGRAM):



4. GUI (SCREEN SHOTS) WITH CLIENT SIDE VALIDATIONS:

The graphical user interface of the Pet Breeding and Management System is designed to be user-friendly and easy to navigate. The system consists of several pages, including a login page, dashboard, add pet page, edit pet page, and search pet page.

Page 1)



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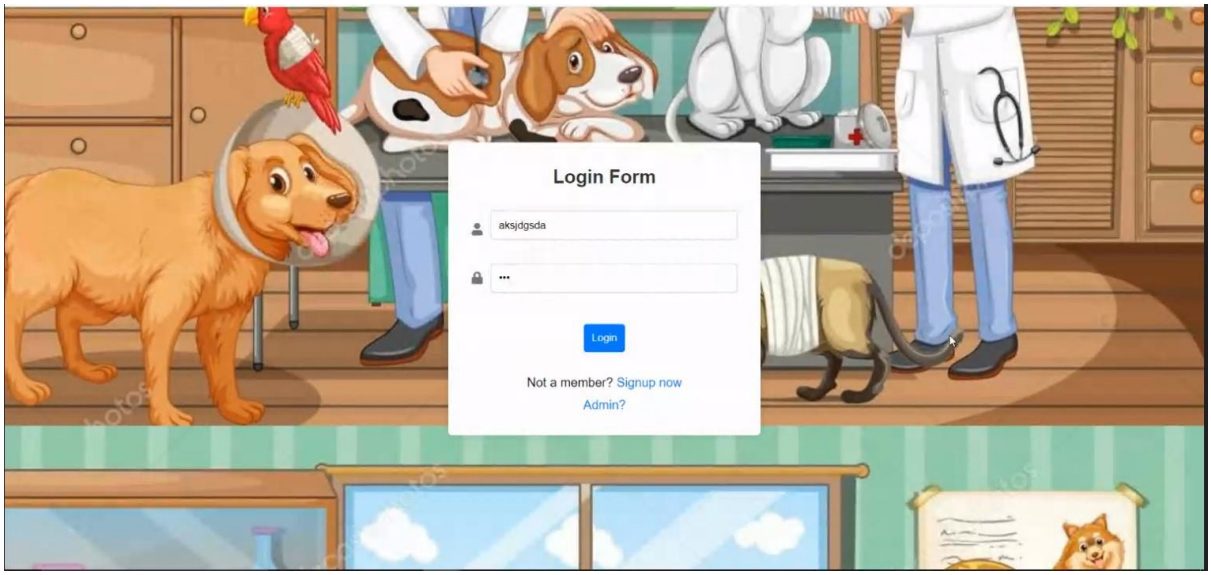

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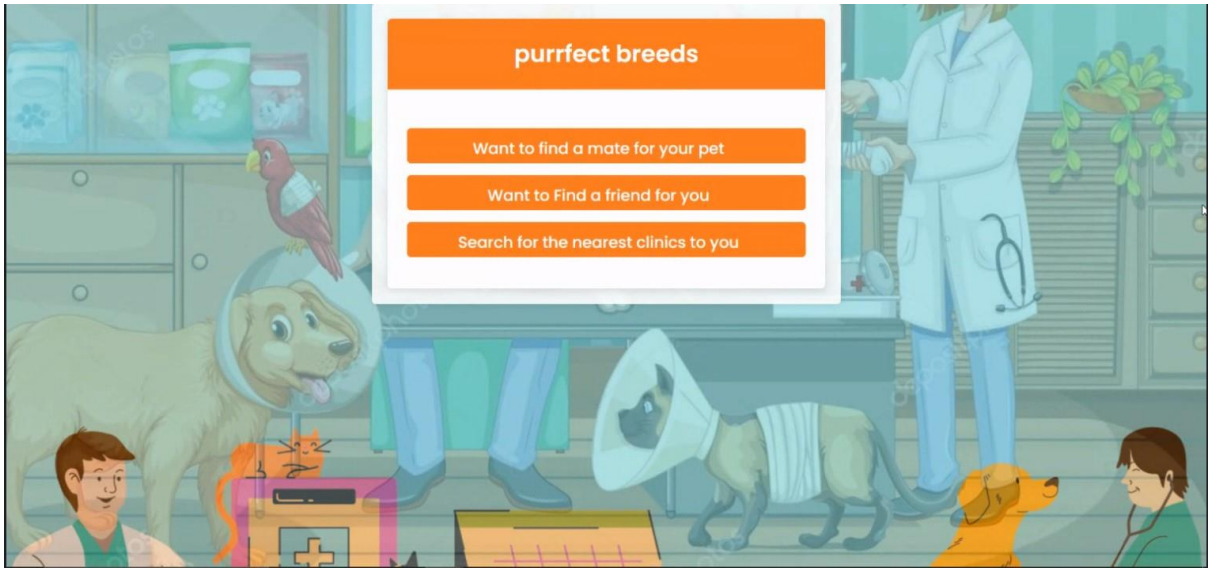
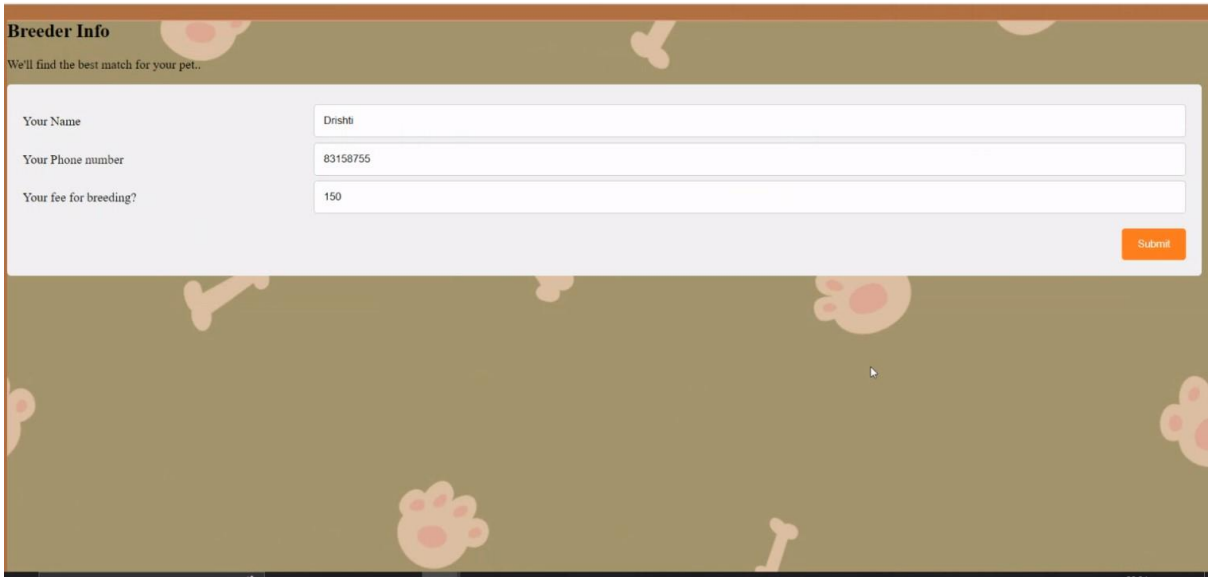
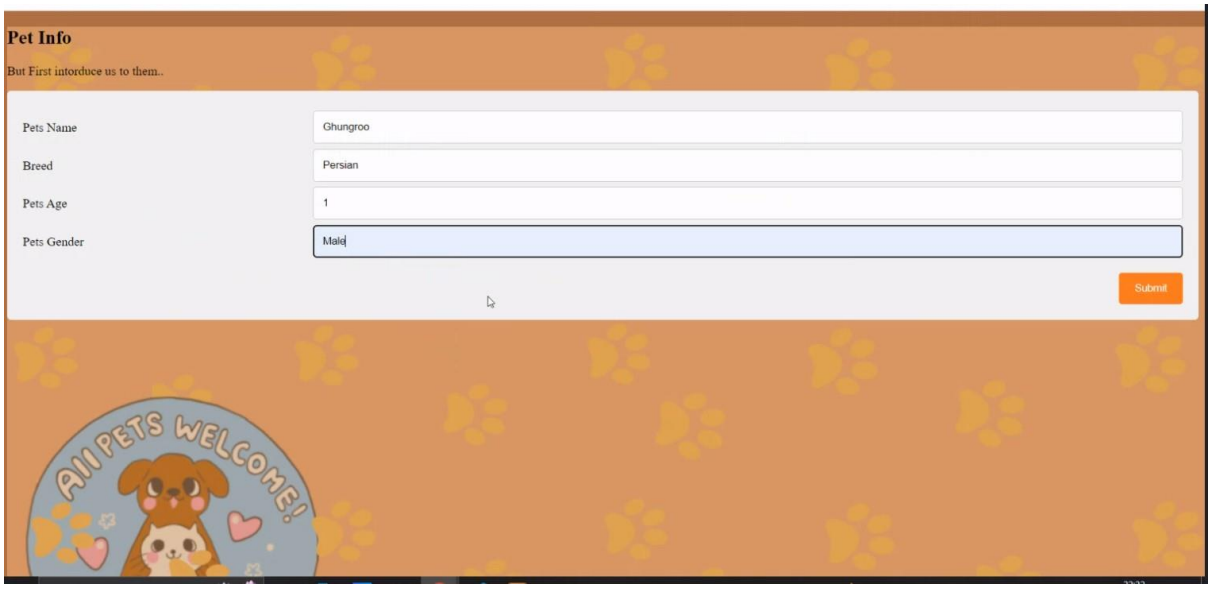

purrfect breeds
Want to find a mate for your pet
Want to Find a friend for you
Search for the nearest clinics to you

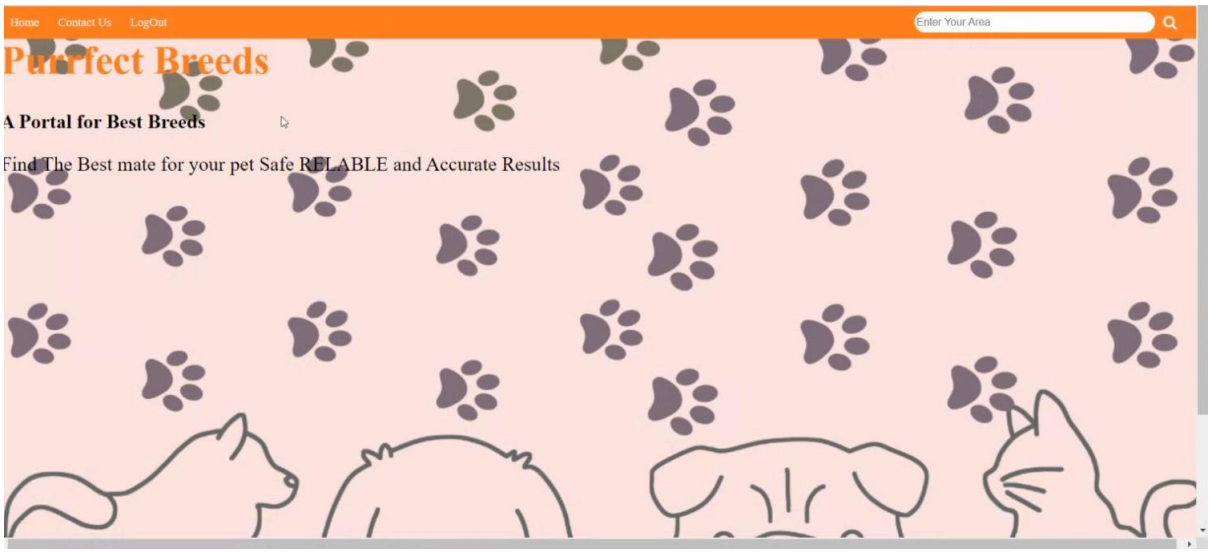
Page 4)


Breeder Info
We'll find the best match for your pet..
Your Name
Drishti
Your Phone number
83158755
Your fee for breeding?
150
Submit

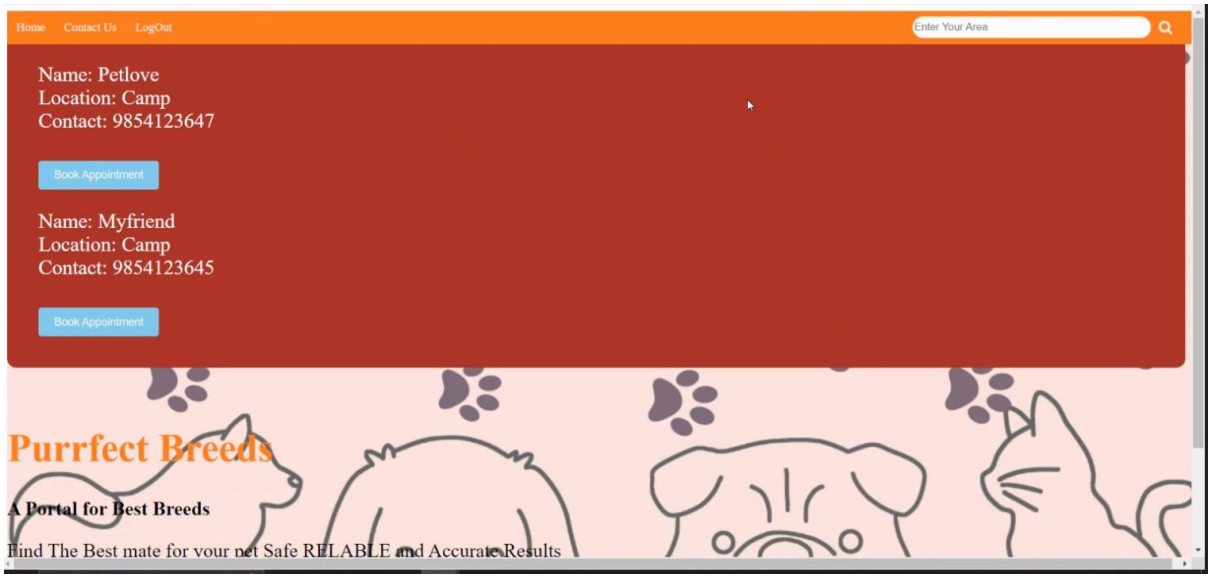
Page 5)


Pet Info
But First intorduce us to them..
Pets Name
Ghungroo
Breed
Persian
Pets Age
1
Pets Gender
Male
Submit
ALL PETS WELCOME!

Page 6)


Home
Contact Us
LogOut
Enter Your Area
Purrfect Breeds
A Portal for Best Breeds
Find The Best mate for your pet Safe RELABLE and Accurate Results

Page 7)


Home
Contact Us
LogOut
Enter Your Area
Name: Petlove
Location: Camp
Contact: 9854123647
Book Appointment
Name: Myfriend
Location: Camp
Contact: 9854123645
Book Appointment
Purrfect Breeds
A Portal for Best Breeds
Find The Best mate for your pet Safe RELABLE and Accurate Results

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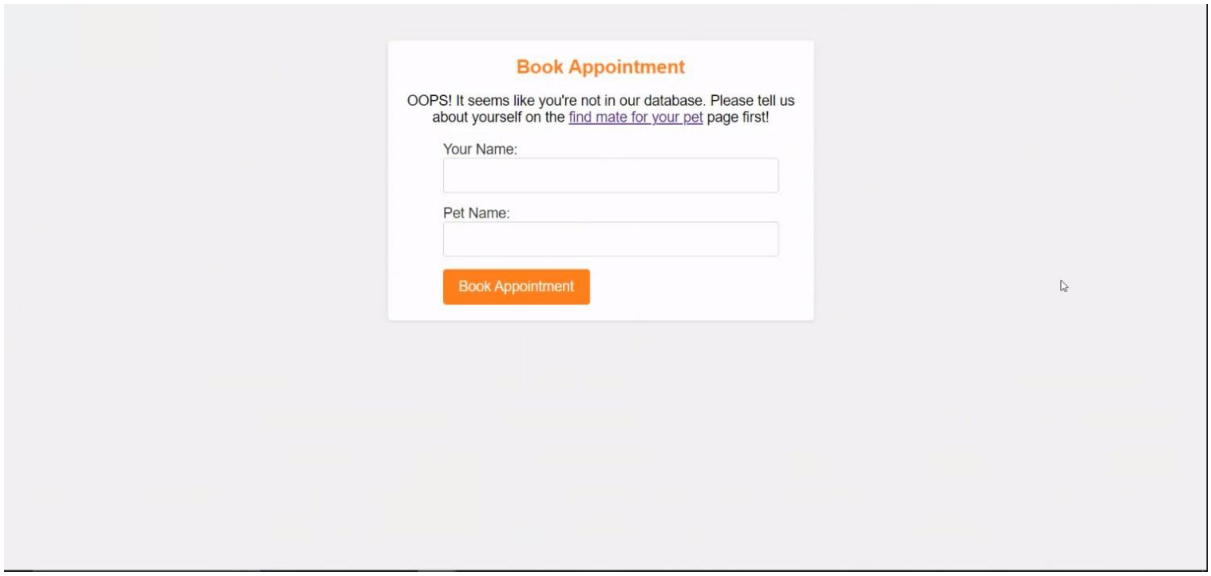
Book Appointment
OOPS! It seems like you're not in our database. Please tell us about yourself on the find mate for your pet page first!
Your Name:
Pet Name:
Book Appointment

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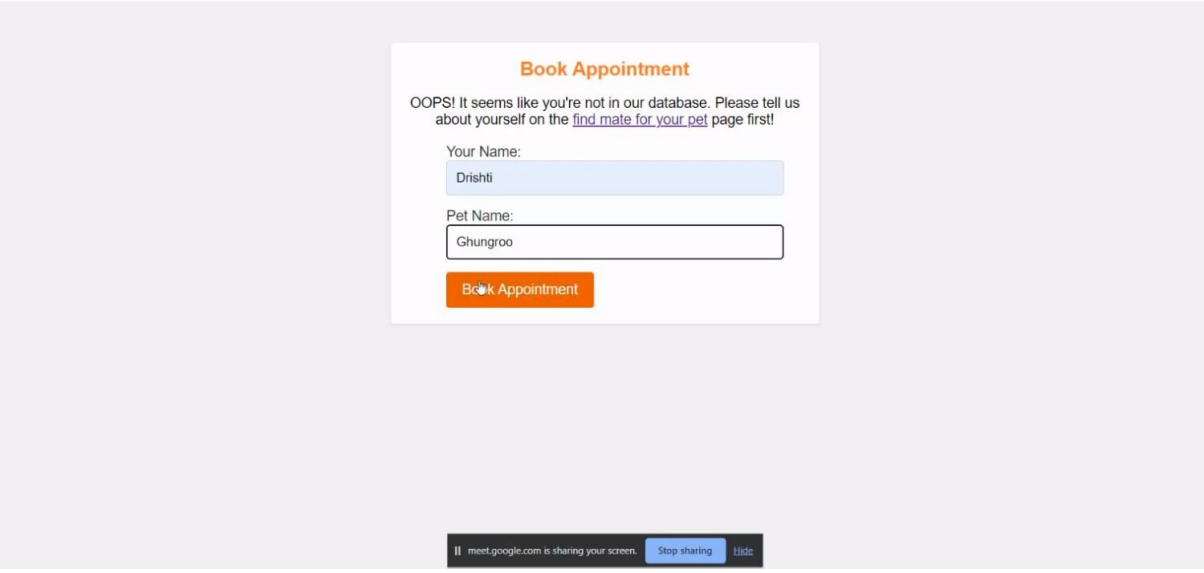

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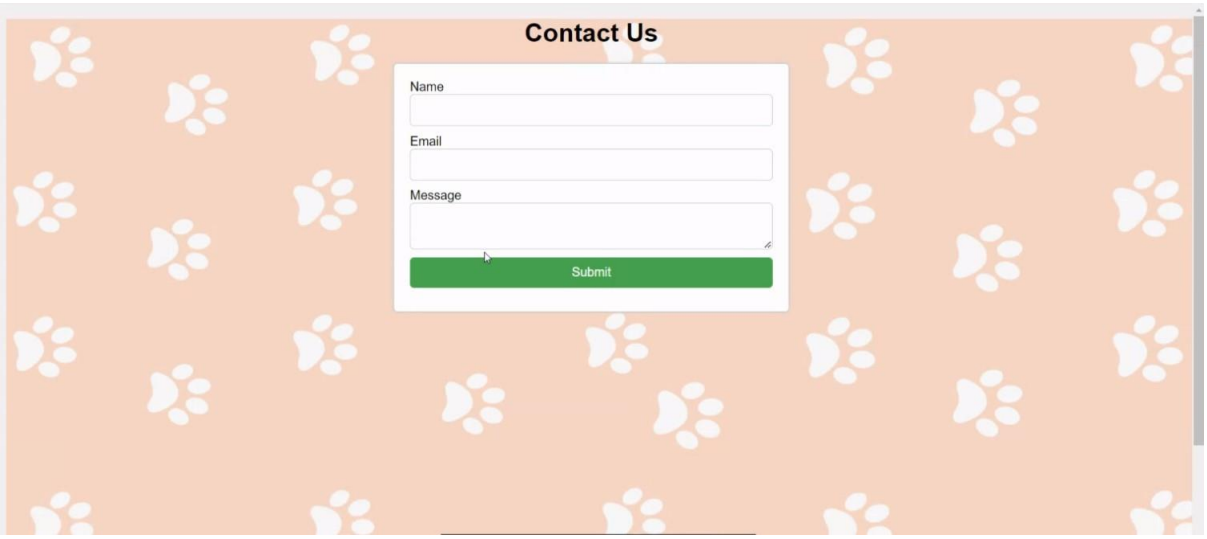

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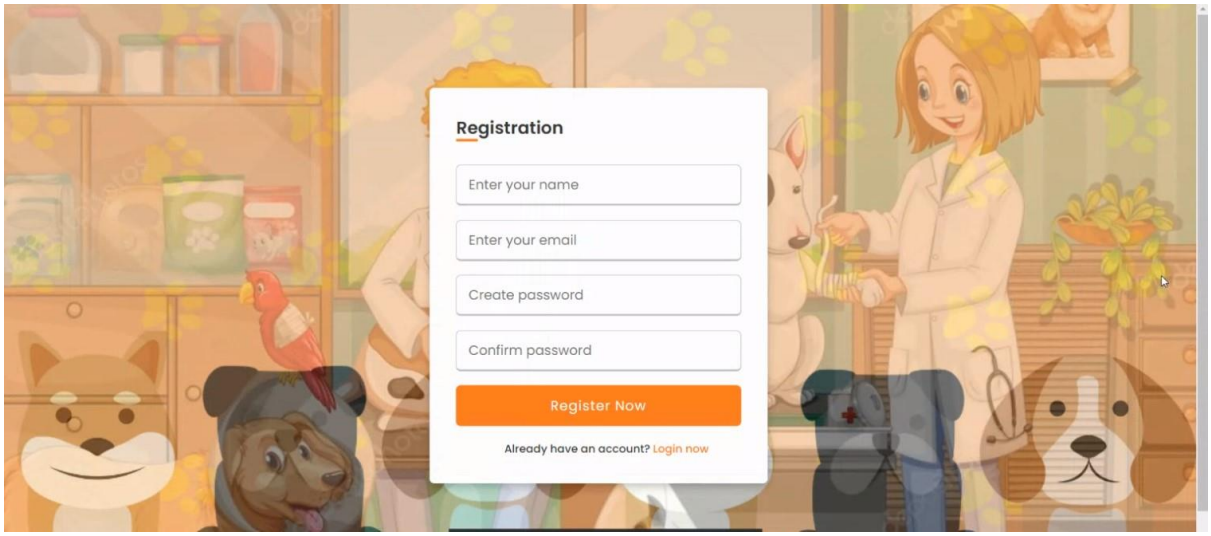

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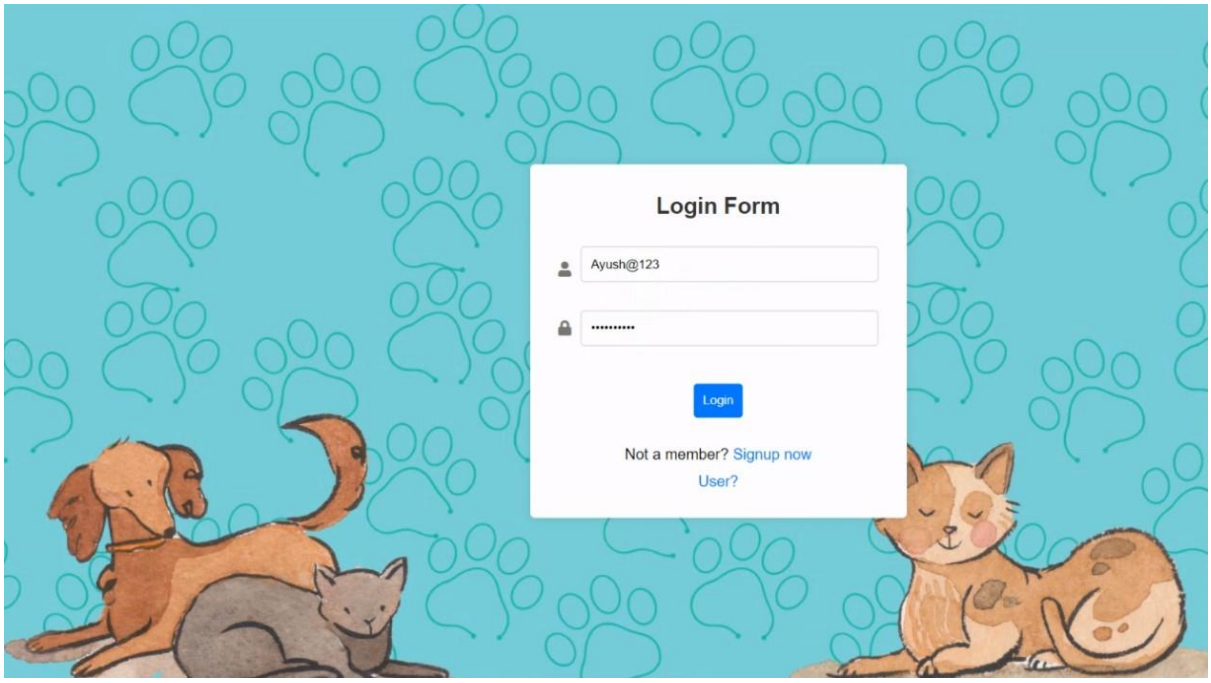

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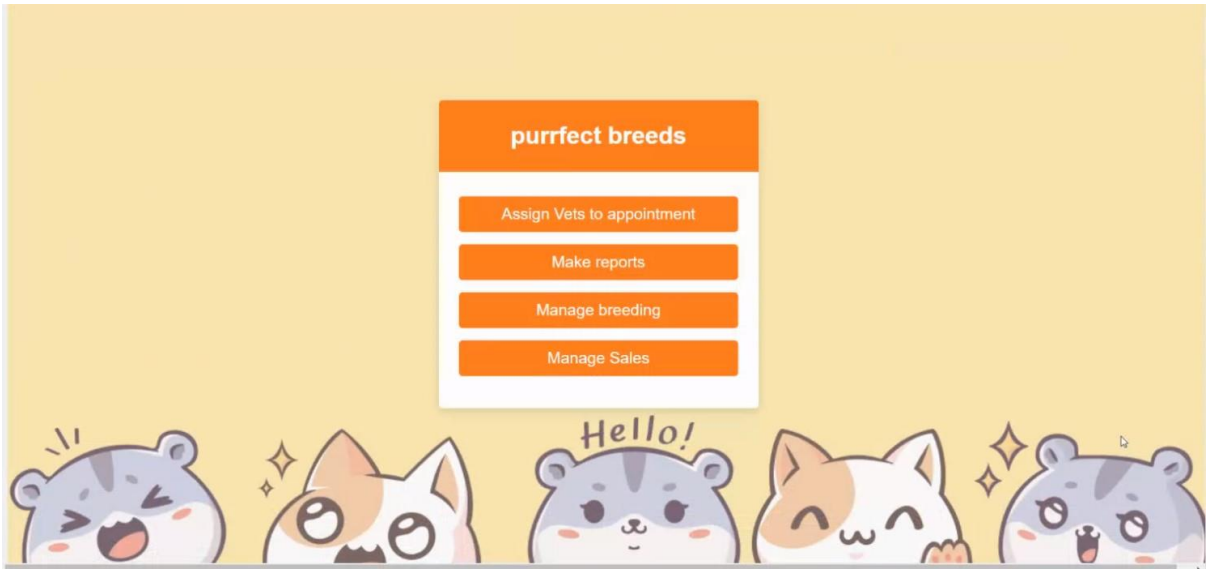

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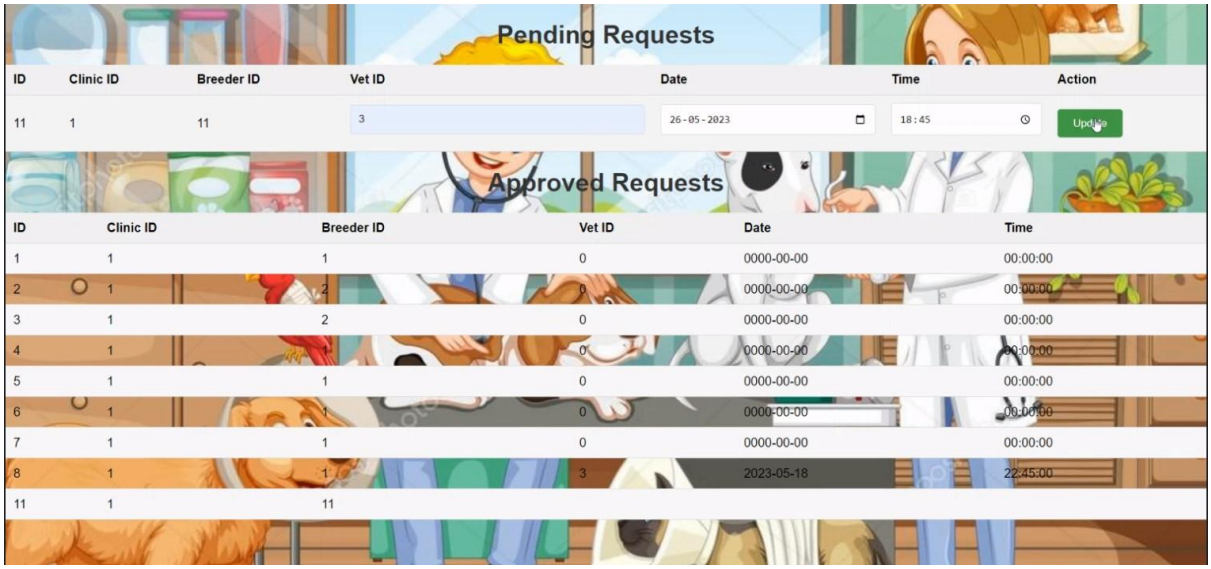

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5. SERVER-SIDE DATABASE HANDLING DETAILS:

The server-side of the Pet Breeding and Management System is responsible for handling all database operations, including data retrieval, insertion, modification, and deletion. When a user interacts with the system, the server-side application receives the user's request and processes it. If the request involves database operations, the server-side application interacts with the database to retrieve, insert, modify, or delete the data as required.

For example, when a pet owner wants to add a new pet to their account, the client-side application sends a request to the server-side application. The server-side application receives the request and inserts the new pet's information into the database. Similarly, when a breeder wants to update a pet's health record, the server-side application retrieves the pet's health record from the database, modifies it according to the breeder's request, and updates the record in the database.

Overall, the server-side of the Pet Breeding and Management System is responsible for managing all database operations, ensuring that data is stored securely and accurately, and providing users with a reliable and efficient system for managing their pets' records and activities.

6. CONCLUSION:

The Pet Breeding and Management System is a strong and efficient tool for organising pet breeding operations and caring for animals, to sum up. The system makes it easier for breeders and pet owners to manage these tasks by providing a centralised platform for keeping track of pet health information, breeding data, and care activities.

The system is simple to use and extremely scalable, supporting a huge number of animals, breeders, and pet owners thanks to its client-server architecture, intuitive GUI, and strong database design. A dependable and effective method for managing pet records and activities is provided by the server-side programme, which is in charge of overseeing all database operations, assuring data accuracy and consistency, and maintaining all pet records and activities.

Overall, by offering a comprehensive solution for pet breeding and management, the Pet Breeding and Management System assists pet breeders and pet owners in streamlining their operations, boosting productivity, and improving profitability. It may greatly simplify the management of pet breeding operations and is an invaluable tool for anyone involved in pet breeding and management, from small-scale pet owners to large-scale breeders.

7. Appendix

a. Tools used: MySQL, HTML, CSS, PHP

b. Plagiarism Report: