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SYSTEM REQUIREMENTS

Hardware Requirements

- RAM: At least 128 MB
- Disk space: 124 MB for JRE,2 MB for Java Update
- Processor: Minimum Pentium 2 266 MHz processor

Software Requirements

Operating system	Windows 7 or higher versions
Developing tool	JDK 11.0.9
Database	MySQL
Front End	Java, JavaFX
IDE	Eclipse, IntelliJ

REFERENCES

- NetBeans references:
<https://netbeans.apache.org/kb/docs/java/editorcodereference.html>
- DBMS tutorials:
<https://www.tutorialspoint.com/dbms/index.htm>
- Java tutorials: <https://www.javatpoint.com/>

INTRODUCTION

Veterinary pet management system is developed to meet the needs of collecting pet details through veterinary hospitals. All users must have a working user ID and password in order to use this veterinary pet management system. The user ID and password must be created and supplied by the administrator. Any functioning employee receives special permissions from the administrator. The administrator can generate vaccination status, add new users, delete existing users, change existing users, and obtain data on the population of specific breeds.

After manually checking with the owner, a valid user or working staff will be permitted to submit owner details, such as type and breed, vaccination status, age, and diseases. Contains provisions for updating these details as needed by the owner. The users get access to data on both lost and available pets.

DATABASE SCHEMA

1. Table login

id	password
elamadu	691533
karicode	691500

2. Table details

regno	category	breed	owner	contact
1004	cow	Jersey	Namitha	8089693134
1211	cat	persian	Swathy	9995025528
3675	dog	pom	sruthy	2356896531
7896	cat	persian	Vignesh	9746799779

3. Table vaccination

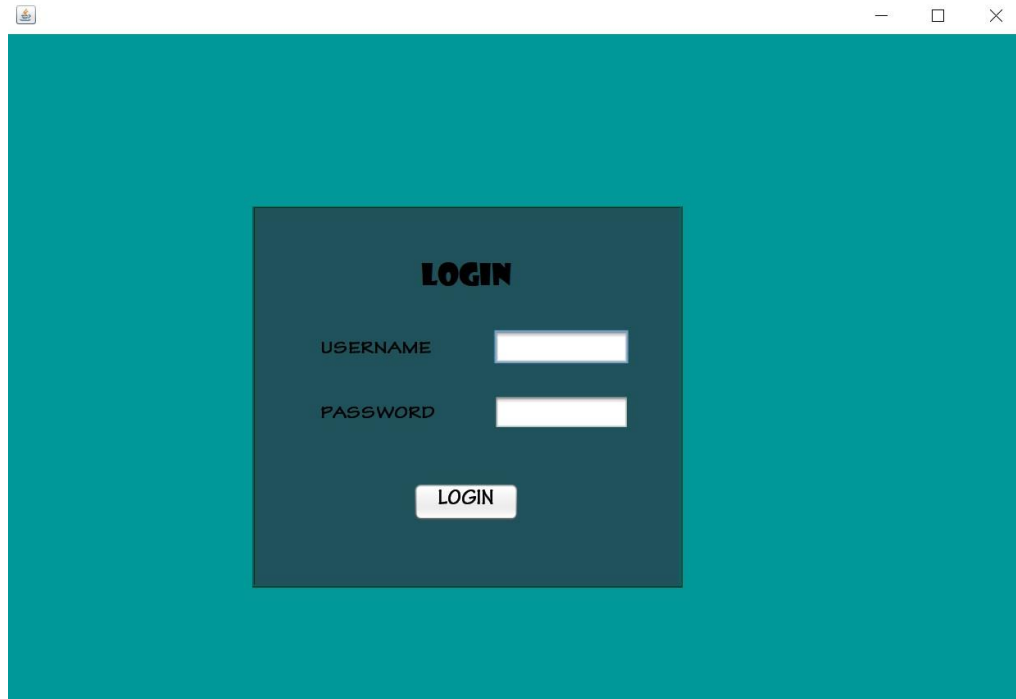
regno	status	next_date
1211	vaccinated	2022-12-24
1004	not	2023-03-23
7896	vaccinated	2023-03-23

4. Table sales

regno	category	breed	contact
1211	cat	persian	9995025528
1004	cow	Jersey	8089693134

GRAPHICAL USER INTERFACE

1.Login page



A screenshot of a login page. The page has a teal background. In the center, there is a dark teal rectangular box containing the login form. The form has the title "LOGIN" in bold. Below the title, there are two input fields: "USERNAME" and "PASSWORD". Below the "PASSWORD" field, there is a "LOGIN" button. The window has a standard title bar with a minimize button, a maximize button, and a close button.

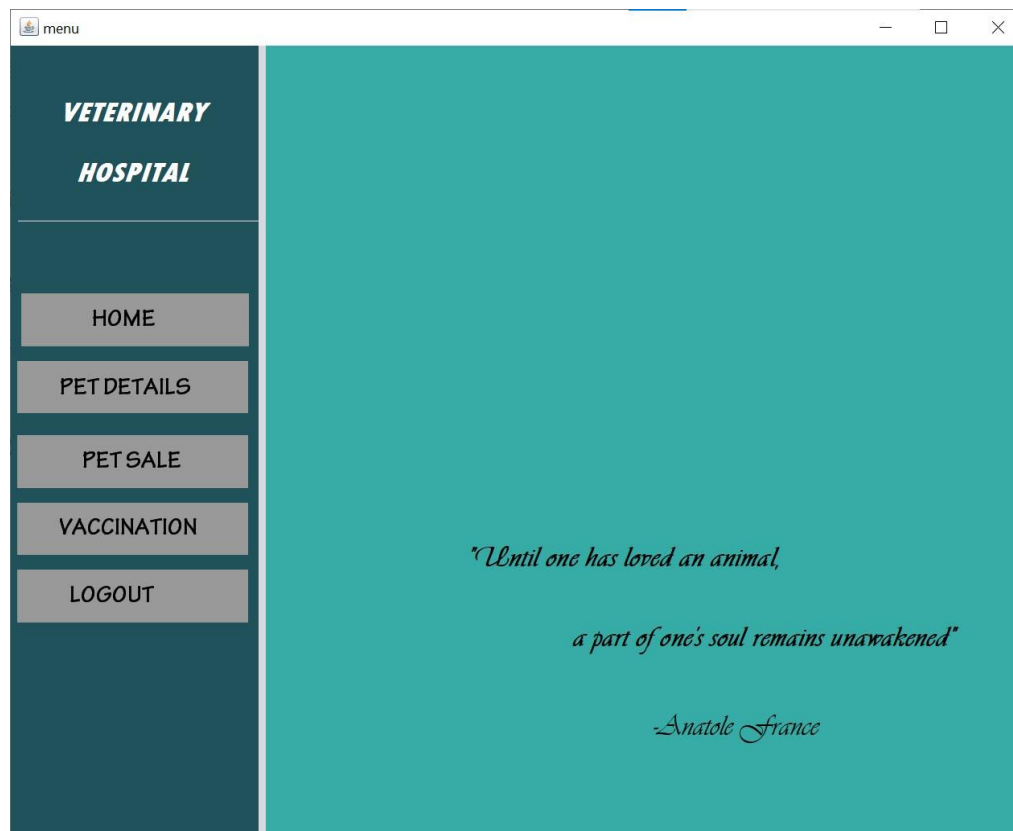
LOGIN

USERNAME


PASSWORD

LOGIN

2. Dashboard



3.Add new pets and owner information

 menu

VETERINARY
HOSPITAL

HOME

PET DETAILS

PET SALE

VACCINATION

LOGOUT

MANAGE PETS

REGNO

CATEGORY

BREED

OWNER NAME

CONTACT

SAVE

EDIT

DELETE

regno	category	breed	owner	contact
1004	cow	Jersey	Namitha	8089693134
1211	cat	persian	Swathy	9995025528
3675	dog	pom	sruthy	2356896531
7896	cat	persian	Vignesh	9746799779

Add pets for sale

menu

VETERINARY
HOSPITAL

HOME

PET DETAILS

PET SALE

VACCINATION

LOGOUT

PETS FOR SALE

REG NO

CATEGORY

BREED

CONTACT

SAVE

SEARCH

regno	category	breed	contact
1211	cat	persian	9995025528

Add or update vaccination status

menu

**VETERINARY
HOSPITAL**

HOME

PET DETAILS

PET SALE

VACCINATION

LOGOUT

VACCINATION STATUS

REG NO

STATUS

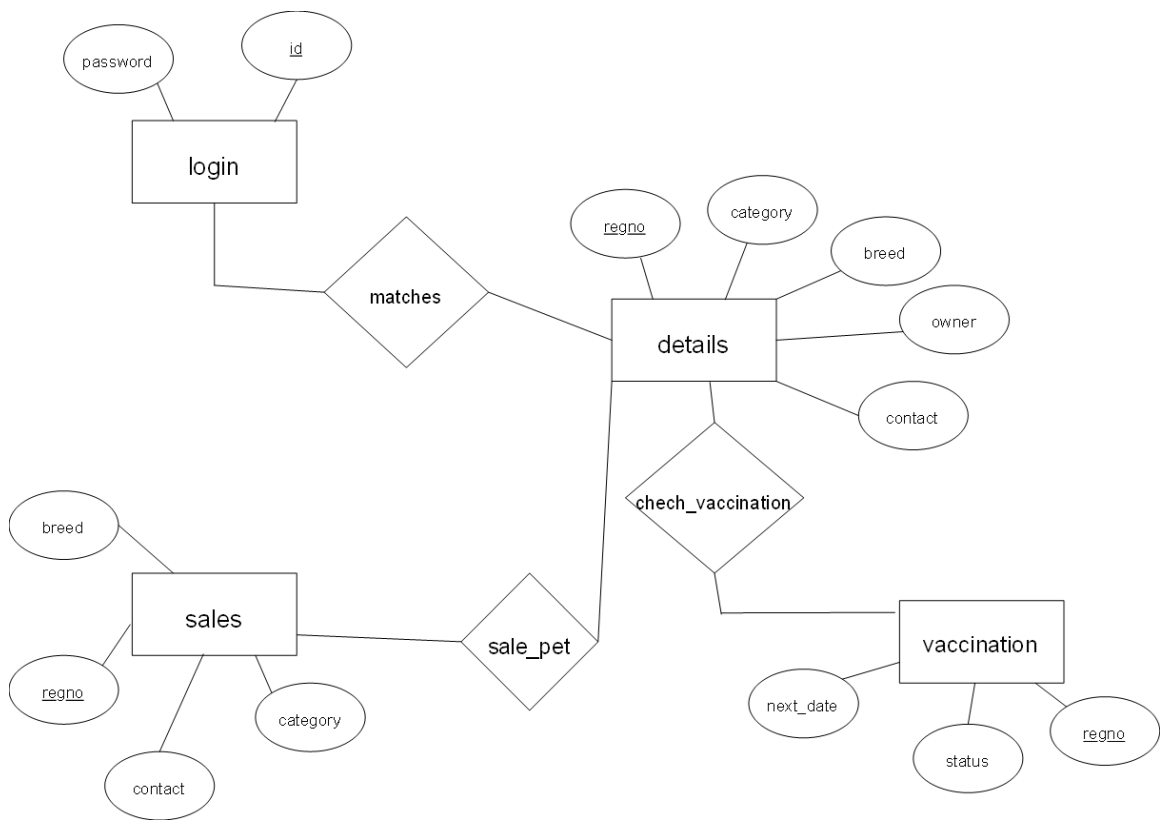
NEXT DATE

SAVE

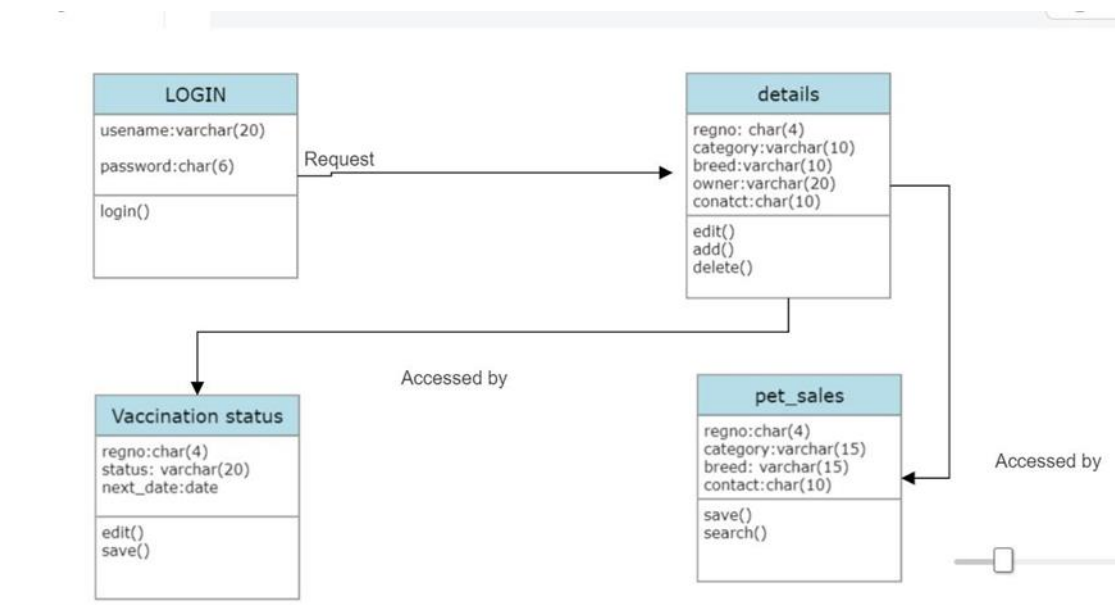
EDIT

regno	status	next_date
1211	vaccinated	2022-12-24

ER DIAGRAM



UML DIAGRAM



MODULE DESCRIPTION

Five rows in the database carry information about pets and their owners. Each table is dependent on every other table. The "Pet Registration" table is used to accept information about a pet from volunteers or hospital staff.

"Owner Details" is used to store information about the owner, "Current Status" to determine whether the pet is still alive (through routine user monitoring), and "Vaccination Status" to accept or retrieve information about vaccinations.

"Missing pets" is a dependant table that is used by the table "owner details and pets for sale" to retrieve and accept information about lost or discovered pets.

CONCLUSION

The Veterinary **Pet Management System** was developed to meet the **pet data collection** needs of veterinary **clinics**. All users must have a **valid** user ID and password to use this veterinary pet management system. **A** user ID and password must be created and **provided** by **an** administrator. **Each** functioning employee receives special **permission** from the administrator. **Administrators** can generate vaccination **statuses**, add new users, delete existing users, **modify** existing users, and **retrieve** data on **populations** of specific breeds. After **manual consultation** with the owner, **any** valid user or **worker is** permitted to submit owner **data** such as type and breed, vaccination status, **age** and **disease**. **Provisions are included to update** these details as needed by the owner. **Users can** access data **about** lost **pets** and available pets