

COMP122 (Sec.403) Group Project

# Veterinary Clinic Database System

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## Database ERD

Tables in the veterinary clinic database system

# 01 OVERCOMING DATA MANAGEMENT CHALLENGES

- Difficult to Update

- Risk of Errors

- Miscommunication

- Lost Information



## 02 OUR SOLUTION: Veterinary Clinic Database System

- Accuracy
- Completeness
- Easy Access
- Better Tracking
- Data Analysis



# 03 DATABASE SYSTEM KEY FEATURES

- Scalability of the system
- Security measures for patient data
- Integration with other clinic software
- Advanced searching
- Filtering options



# 04 INTEGRATION WITH OTHER COMPONENTS

MEDICAL RECORDS

LABORATORY SYSTEMS

IMAGING SYSTEMS



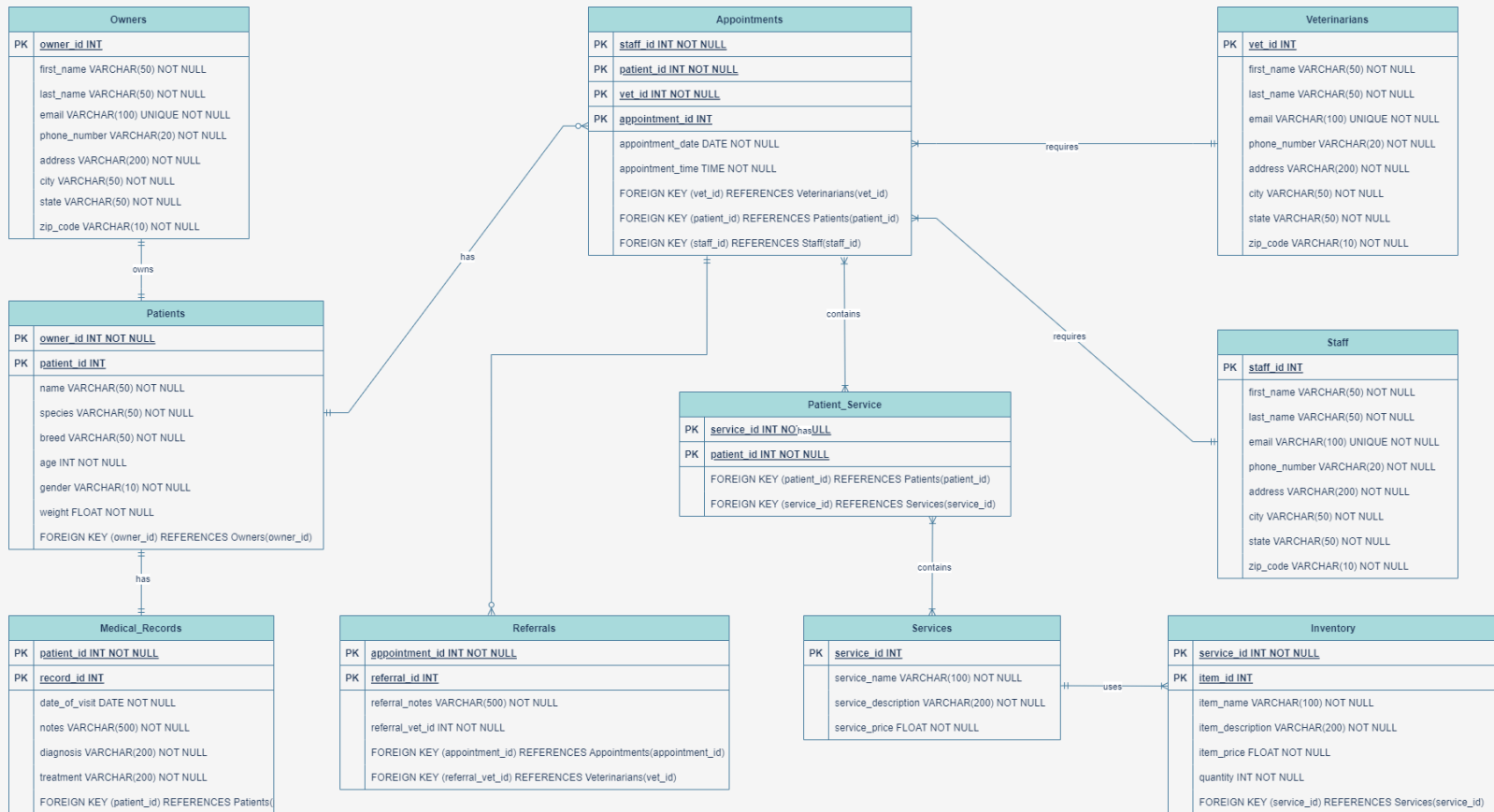


# 05 BUSINESS REQUIREMENTS

- Patient Data Management
- Scalability
- Security and Data Privacy
- Integration
- Searching and Filtering
- Reporting and Statistics
- Appointment Tracking
- User-Friendliness
- Cost-Effectiveness
- Regulations Compliance



# 06 DATABASE ENTITY RELATIONSHIP DIAGRAM





# SUMMARY

- Improving Patient Data Management
- Improving Communication
- Improving Decision-Making



A photograph of a dog, possibly a Border Collie, with white and grey speckled fur, looking towards the right. A person wearing a white glove is holding a stethoscope, positioned to listen to the dog's chest. The background is a blurred clinical setting with various medical supplies and a red cross symbol on a white box. A teal rounded rectangle with a yellow circle partially visible on its left side is overlaid on the bottom left of the image.

QUESTIONS & COMMENTS



THANK YOU