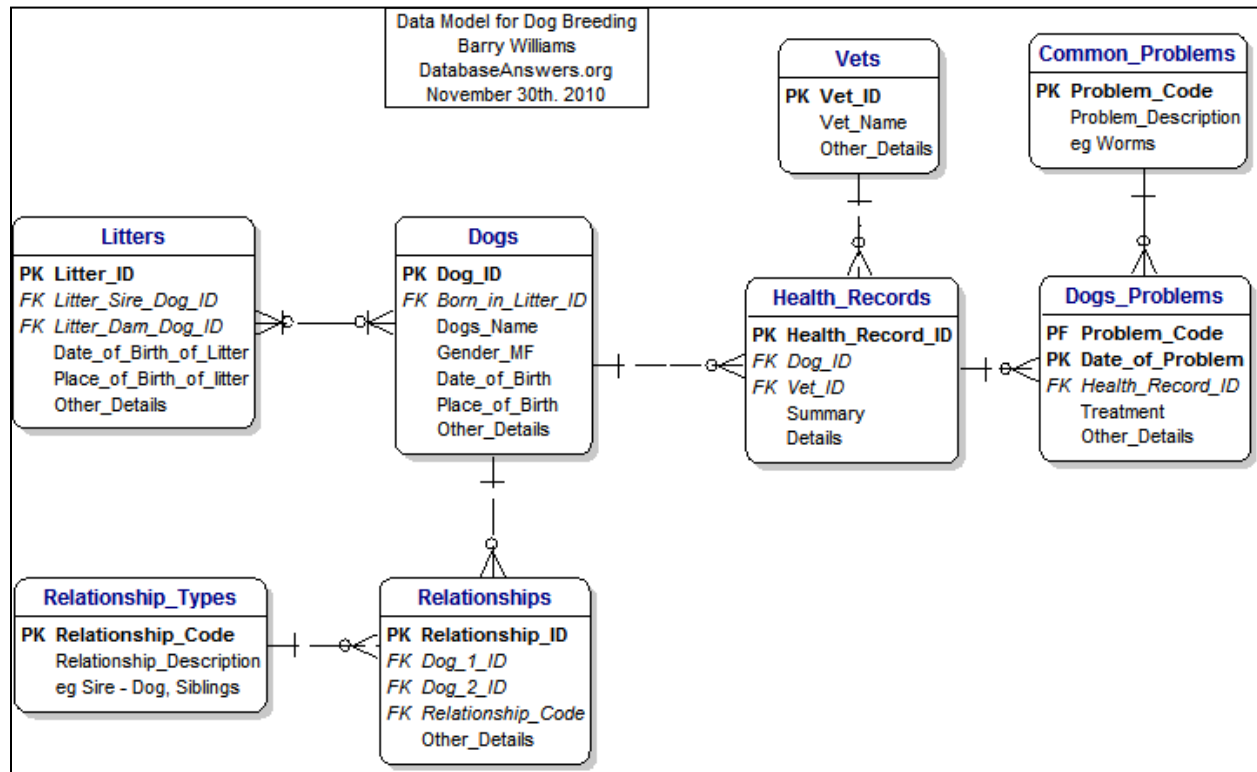


# SAMPLE DATA MODEL & ANALYSIS

Data model:

[https://fordnox.github.io/databaseanswers/data\\_models/dog\\_breeding/index.htm](https://fordnox.github.io/databaseanswers/data_models/dog_breeding/index.htm)



This is a data model for a dog breeding system. A system that is designed to track dog breeding, maintain their records, and manage various aspects of their health and lineage.

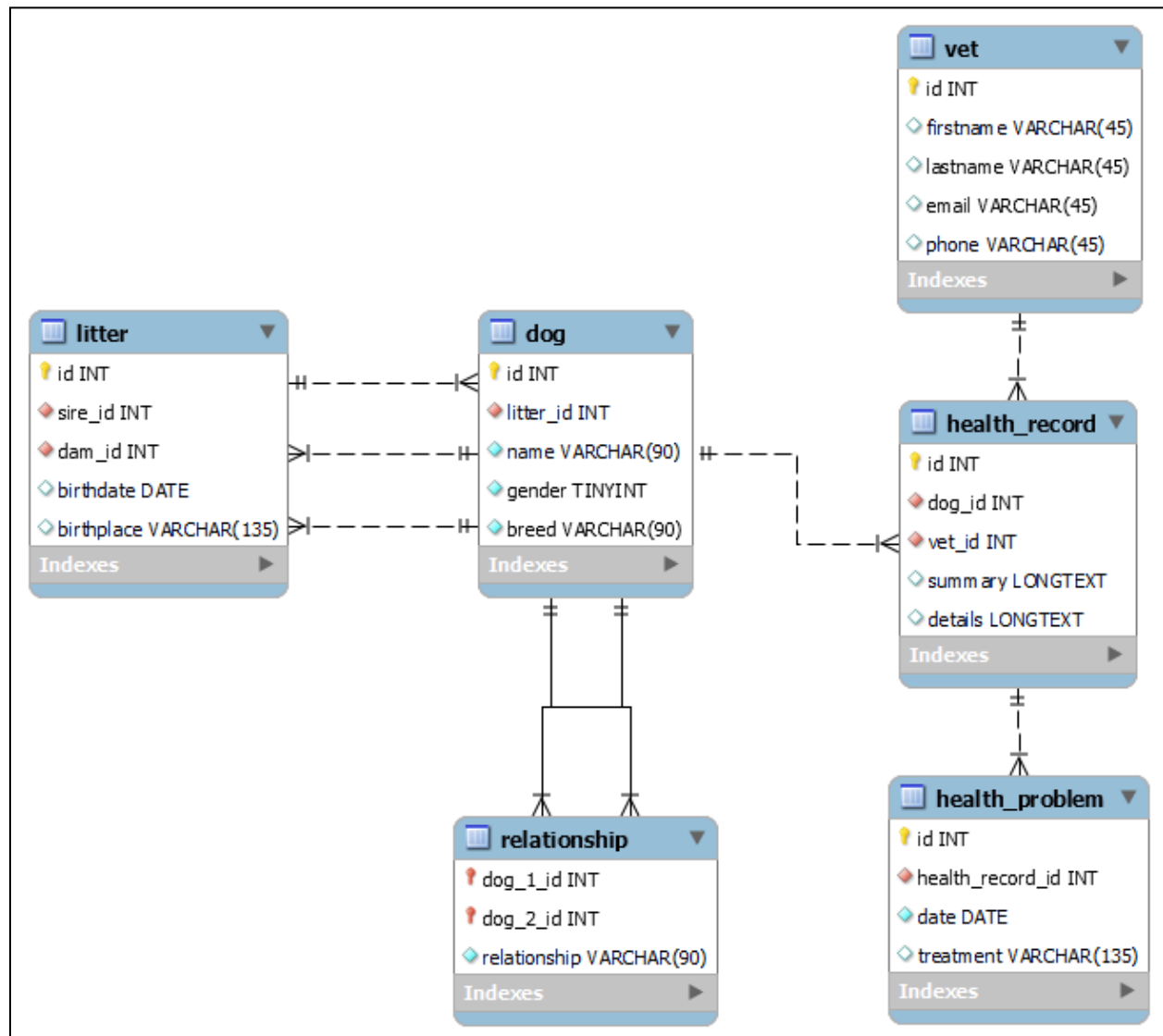
## Original Scope & Key Components

1. **Dog Management**
  - Track dog details (name, gender, birth date, and place).
  - Record parentage and litter information.
2. **Litter Management**
  - Manage litter details (sire, dam, birth date, and place).
3. **Health Records**
  - Track health records and treatments.
  - Link health records to vets and common problems.
4. **Veterinary Management**
  - Store vet details and link to health records.
5. **Common Problems**
  - Maintain a list of health problems and treatments.

### Original System:

- 8+ tables
- Complex reference system
- Detailed client profiling
- Complete payment tracking
- Staff management system
- Multiple contact methods

## Minimized Scope - Essential Features Only



### Example User Stories (Simplified)

- As a Breeder**
  - "I want to record the details of a new litter, including sire and dam information."
  - "I want to view the lineage of a specific dog to plan future breeding."
- As a Buyer**
  - "I want to browse available dogs and view their details (name, gender, birth date)."
  - "I want to check a dog's health history before purchasing."

- "I want to see a dog's parentage to assess its background."

3. **As a Vet**

- "I want to update the health records of a dog after a check-up."
- "I want to document treatments for common health problems."
- "I want to access a list of dogs with pending health issues for follow-up care."