

Database Schema:

List of Domain Classes:

- Farm - list of farms
- Animals - list of sheep
- Worming - list of worm checks
- *Breeding - list of breedings (OPTIONAL)*

Domain Class: Farm - list of farms

- name - String, name of the farm
- address - string, primary key, address of the farm

Domain Class: Animals - list of sheep

- eartag - String, primary key, ear tag identification
- name - String, optional name of the sheep
- dob - Date, date of a sheep's birth
- sex - String, is the sheep a ram, ewe, or wether
- breed - String, a sheep's breed
- dod - Date, date of a sheep's death
- cod - String, cause of a sheep's death

Domain Class: Worming - list of worm checks

- eartag - String, composite primary key, foreign key into sheep table, ear tag
- date - Date, composite primary key, date of the worm check
- weight - Float, weight of the sheep at the time of the check (lbs)
- famacha - Int, FAMACHA Score of the sheep during the check (1-5)
- fecalegg - Int, fecal egg count of the sheep during the check
- other - String, some other reason for deworming
- dewormed - Tinyint, if the sheep was dewormed or not
- dewormer - String, type of dewormer(s) used
- notes - String, other notes/comments related to the check

Domain Class: Breeding - list of breedings (OPTIONAL)

- *ewetag - String, composite primary key, foreign key into sheep table, ewe ear tag*
- *ewename - String, name of the ewe*
- *ramtag - String, composite primary key, foreign key into sheep table, ram ear tag*
- *ramname - String, name of the ram*
- *exposed - Date, composite primary key, date the ewe was exposed to the ram*
- *removed - Date, date the ram was removed from the ewe*
- *bred - Date, date the ewe was bred*
- *due - Date, estimated due date for the ewe*