

Grails Domain Schema (Updated):

List of Domain Classes:

- Farm - list of farms
- Flock - list of flocks
- Animals - list of sheep
- Worming - list of worm checks
- Dewormer - list of dewormers by farm

Domain Class: Farm - list of farms

- username - String, primary key, username of the farm to login with
- password - String, password of the farm to login with

Domain Class: Flock - list of flocks

- farmname - String, username of the farm
- id - Int, primary key, auto-generated flock ID
- flockname - String, optional nickname of the flock
- flocksize - Int, number of sheep in the flock
- nextcheck - Date,

Domain Class: Animals - list of sheep

- flockid - Int, composite primary key, ID of the flock the sheep belongs to
- eartag - String, composite 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
- other - String, any other notes on this specific sheep

Domain Class: Worming - list of worm checks

- flockid - Int, composite primary key, ID of the flock the sheep belongs to
- 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: Dewormer - list of dewormers by farm

- farmname - String, composite primary key, username of the farm
- wormertype - String, composite primary key, name of a dewormer used