

# Scientist Meeting

Team Name: Sheep Wormers

Scientists Names: Janae Foss

---

Date: 4/18/24

Time: 5:00PM EST

Duration: 1 Hour

Location: Zoom

---

## Attendees

- Leiya Rybicki
- Brendan Furhman
- AK Syracuse
- Sidney Gillig
- Ryan Cole
- Ben- Could not make it, has class

## Discussions

- See how Janae felt about the presentations on Tuesday
  - Thought that the tests were not well-designed as they did not have knowledge of the website. Thought that having data given to the testers and having them input that would be a lot better.
    - Not having domain experts/knowledge is a pitfall for usability testing in general; specifically for this app which is used by such a niche group
- Get her thoughts on our final deliverable

- Good idea to have a drop down, but not necessary for current state of the app
  - Do the same thing that was done with the Flock check dewormer, add a breed or select one that has already been added
- She liked the way the data is exported
  - Both the flock and the previous checks she likes. She prefers that all the previous checks are exported and not just the most recent one.
- Discuss changes that would be made to a new version of the app
  - Need to make a Design Change Document for this and upload to the website and title it "Improved App".
  - Document in Drive already, taking notes during meeting to transfer over after meeting is done
- Changes Suggested:
  - Do the same thing that was done with the Flock check dewormer, add a breed or select one that has already been added
  - Integrate the app with her Google calendar. The next flock check is automatically added as an event in her google calendar so that it can remind her a week in advance that a flock check is coming up.
  - When exporting, give an option to export to email so it can easily be sent to others. As it stands, she would have to download, save, and then upload to whoever she wants to send it to.

- For the add animal button, make it so it is at the top so you don't need to scroll for it.
- Have search feature in the list of sheep page
- FAMACHA should be capitalized in the flock check page, it is an acronym
- Different types of worms for fecal egg count
  - Break this down more in future versions
- Calculate how much dewormer to give based on weight of sheep
  - This would be a value automatically calculated based on these two given fields.
- Have it possible to edit the sheep from the flock check page
- Put previous weight from the previous flock check on that specific animal.
  - There could be an actual or estimated weight indication when looking at flock checks.
- Possibly put the name next to the tag number.
- For reviewing the flock check, changed Wormed? from true to yes
- Fix the UI in general for the buttons and generally clean up the look of the app to make it look more professional.
- Have locks for transactions so that editing animals is not based on race conditions
  - Another addition would be who has it locked, ability for Janae to monitor who is editing which sheep

- Worries about gray background when it is transferred to an actual mobile screen.
- Data validation
  - Ear tags limited to letters and numbers: error popping up if invalid data is entered
    - Disallow whitespace in ear tag number
  - Data of death is limited to date of birth and then later on, cannot add in a death before the birth
  - If stillborn, marks it as no-tag
    - Possibly have the no-tag number be auto generated to not require the user to remember the number
    - Option in the add-animal function for no-tag