

Final Design Presentation

Group 4 - Sheep Wormers

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Sheep Wormer App Overview

- Parasite: Barber Pole Worm
- Regular Sheep inspection
- Track deworming of sheep simply and efficiently
- App purpose: An elegant way to collect and display data to help sheep farmers make informed decisions as they seek to manage worms in their flock.



UI Demo



Login and Registration

Login

✉ Username

🔒 Password

Login

Create Account

Create Account

✉ Username

🔒 Password

🔒 Confirm Password

Create



Registration

Create Account

✉ testUser

🔒

🔒 ...|

Passwords do not match. Please redo and confirm.

Create

Create Account

✉ testUser

🔒

🔒|

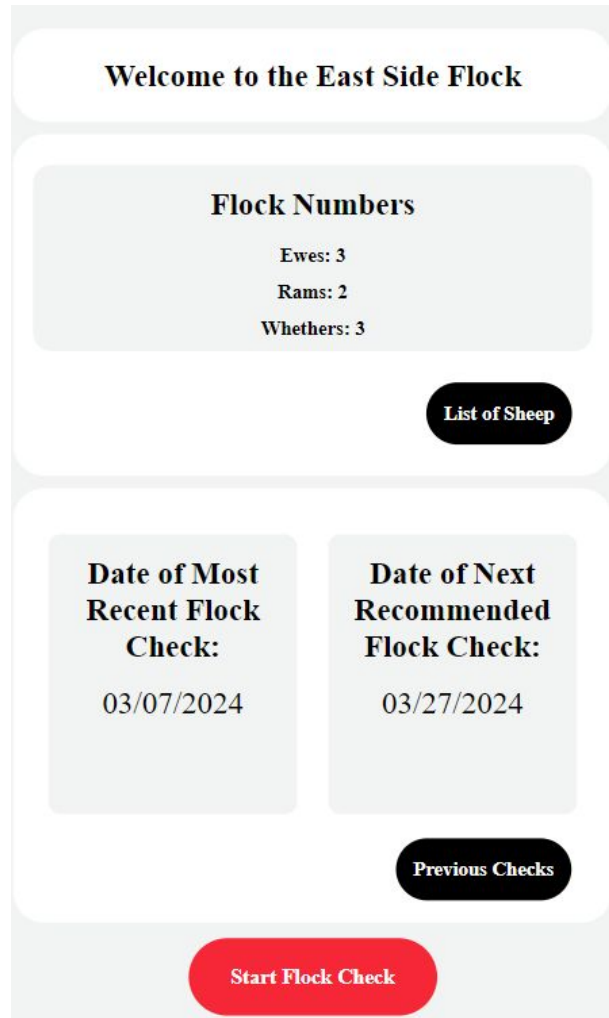
Passwords Match

Create



Home Page

- Plan is to do something different with the Flock Numbers section to better present the data
- Styling changes will be made to match overall design and increase visibility



Sheep Record

01872

Details

Worming

Tag Number: 01872

Name: Jenny

D.O.B: 05/22/2015

Sex: Female

Weight: 198

Breed: Merino

etc.

Sheep List

Sheep List

01872 05/22/2015

Jenny Female

01849 02/05/2019

Dale Male

...

+ Add

Finish Flock Check

Sheep Tag Entry

Add a new sheep

*Indicates a required field

ID Tag *

Sex *

Birth Date *

Name

...

Submit



Flock Check Form

Flock Check

Search by Tag *

Dewormed:

Famacha Score:

1 0 2 0 3 0 4 0 5 0

Fecal Egg Count:

Other reason:

Other notes:

Weight:

Submit

Flock Check

Search by Tag *

Dewormed:

Prohibit

Famacha Score:

1 0 2 0 3 0 4 0 5 0

Fecal Egg Count:

Other reason:

Other notes:

Weight:

Submit

Prohibit

Option 2

Add New Dewormer

Prohibit

Prohibit

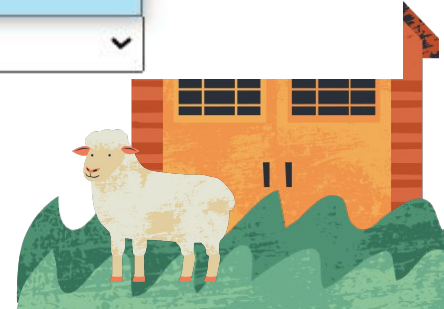
Option 2

Add New Dewormer

Option 3

Option 3

Flock Check



Flock Check Form

Flock Check

Search by Tag *

Dewormed:

Prohibit

Famacha Score:

Fecal Egg Count:

Other reason:

Other notes:

Weight:

Submit

Famacha Score:

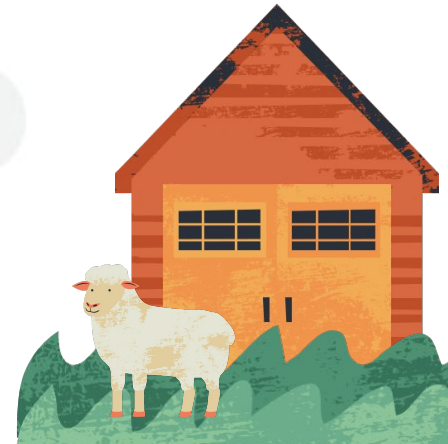
1 2 3 4 5

Fecal Egg Count:

ie '200'

Other reason:

ie 'still recovering'



Finished Stories

- Login Page and functionality
- Sheep ID Data Table
- Deworming Data Table
- Registration Page and functionality
- Home Page
- Flock Check Form

In Progress Stories

- Mapping from page to page
- Sheep List Page
- Sheep Record Page
- Some Form functionality
- Styling Consistencies



Usability Concerns

- Allow for offline app usage
*did not have time to implement
- The target demographic of the app may not have a lot of technology experience
- App usage potentially across many different devices
- Keeping the app flexible to account for farmers having different deworming practices
- Checkboxes need to be larger for mobile usability



Questions?

