### Week05

Studio A:

* Attribute listing

Testing protocols (if we have time)

Meeting3

Agenda

Meeting 3:

Design products diverge

- may need to refine requirements

* Technical architecture

Use some brainstorming techniques

* High level conceptual design

Proposal: Work on Proposal

### Week04

### Studio A

TA feedback

* Keep the research scope broad to find unexpected issues
* Find the reasons why/ find alternatives
* Must include electric mechanical component, constraint.
* Ordering parts from MyFab also from Internet? Follow up later
* Prototype
  + follow up later
  + representation
  + highlights/convincing people it actually works/the innovation parts work

Agenda

Prep for checkin,

research update,

framing/stakeholder analysis,

GSU reply

### Meeting2 (short meeting before Studio A) 21:00-22:00 pm

Agenda

Prep for checkin,

research update,

framing/stakeholder analysis,

GSU reply

### TO DO before next meeting:

* Stakeholders follow up (Piazza + stakeholder questions): Tabitha
* Possible solutions research
  + Drone method Edwin
  + Tracker method? Arielle
  + Scanner/tagging sheep
  + Sheep facial recognition???
* Proposal write-up draft:
  + Opportunity Statement/problem statements(Provide a brief overview of the situation/context and the stakeholders.): Tabitha
  + Outline design requirements Ethan
  + Framing/rescoping (Arielle)
  + Value proposition:
    - Research: UN SDGs/Strategyzer (Emre)
      * Sustainability/green energy/reusability
      * Where do we source the materials from?
    - Research: Design for Durability: Functionally, the solution should last long (maintenance should be easy etc.) (Arielle)
    - Research: Equity:
      * Ease of learning: Edwin
      * Affordability: Tabitha
* Non-functionality research (stakeholder, the country, their culture, how they graze sheep... etc.) (everyone)

### Week 03 Meeting1 (Jan 29 1-3pm)

### Agenda:

Plan update

* Roles assignment
* PM artefect

Opportunity understanding:

Proposal handout go over:

* Three deliverables

Design scoping/requirements:

* Framing
* Requirements
* Stakeholder analysis

Research:

* More research

Stakeholder reaches out:

* How can we send the questions?

Check-In deliverable structure:

If we have time?:

Individual Brainstorm Update

Group Brainstorm

### Next meeting: Friday 19:00-21:00 IF they release the assignment

### TO DO(Before next meeting):

* Read the opportunity/assignment handout
* Opportunity here:

<https://engsci-utoronto.agorize.com/en/challenges/praxis-iii-2022-winter/pages/project-list?lang=en#sheep>

* Non-functionality research
* Individually brainstorm (come with some potential solutions) before next meeting
* Prepare for group diverge/brainstorm next meeting

# Week 03 StudioA

Opportunity the wandering sheep discussion:

[The Wandering Sheep\_Studio (padlet.com)](https://padlet.com/rubainakhan/l82qmcpicx8apct1)

Tracker

* Lagrangian method

Fence (not fenced)

* Eulerian method

Sheep marker

* Why paint are not good

Possible constraints:

* No of sheep we need to track
* Cost
* Scalability
* No collars or tags on sheep

Preventing the sheep from getting lost

Reasons:

Sat Jan 29th 13:00 – 15:00

* Finalized role assignments
* Started framing the opportunity
* Next meeting: Tues Feb 1st 20:00 – 21:00

Friday February 4th 12:00 – 13:00

First meeting with GSU

More research on local culture for money that earning

Working on analysis problem

Analyse stakeholders

Multifunction is another consideration for values

Next meeting: