March 5:

- Some issues with connecting multiple bioreactors:
    - 100 wifi connections lol (networking limitations)
    - Wattage (raspberry pis & heating?)
- Some solutions with connecting multiple bioreactors:
    - USB connections to central computer
    - Keep 8 bioreactors connected to one raspberry pi (we test this limit first)
        - Centered around one heat source
    - Scheduling usage of components like pumps, heaters, etc. (to keep wattage down)
- Testing the bioreactors:
    - Using timed release dye solutions:
        - 3D printed filaments with dyes that are water soluble
            - We wash away the first layer of dye
            - Once enzymes eat up the first layer, the untouched dye is released into the water
            - Mentioned something about pumping into multiple chambers(?)
    - Yeast? With wetlab (ask purav?)
- Main takeaway for cost: we can cheaply replicate 80% of these components; the only concern are the raspberry pis
- TALK TO PIOREACTOR PEOPLE