-Start with just NPK as sensors

-Start with $250

-RasPi / Arduino selection #1

-LArger depth pot, no greenhouse setting

-Lettuce? Grows fast, not picky about conditions

-Succulent too slow to be useful to test on

-NPK probably sufficient, just make sure to use major macronutrient sensors

-Breadboard this semester

-ISU server is free, but only accessible for a short period of time

-Cheap rentable Digital Ocean servers

-Server in budget as well

-Would we be able to migrate between servers if needed?

-Liquid fertilizer option probably doable

-Actuators set up after the NPK, modbus converter, Pi

-Every selection and decision you make, you should have a solid reasoning.

-Need full datasheets for components we select.

-Adapt parts list spreadsheet to send to ETG today.

-Breadboards from 201 kits.

-Presentation on progress, info on what to do next, communication set up will be very important for presentation.

-All levels communicating.

-Select server today. Could run on the pi to start while researching server options.

-$100 cost to have on iOS app store

-For now plan on cross platform

-Maybe $350?

-Professors for help building apps:

-Need help publishing on app store

-Open Shift

-Contact ISU IT for

-Talk to ETG for server sourcing info

-MAruf will let us know on other app professors

-ORder plant, pot, and soil through ETG, maybe from Lowes

-Just buy pot, soil, seeds

-Know initial soil conditions based on the product we buy, to calibrate data, then can go form there with sensors

-Senior design team after us will pick it up

-Build own sensors down the road

-Lots of learning for our server / networking side of the project

-Mondays at 1:30PM recurring

-For now weekly

-2/26 next meeting.

-Need to get access to the team website\*\*\*

-Can also start with building design documents, just be clear on our current documentation

-Send Maruf email over weekend if we are going to meet, need to send reports to Maruf as well