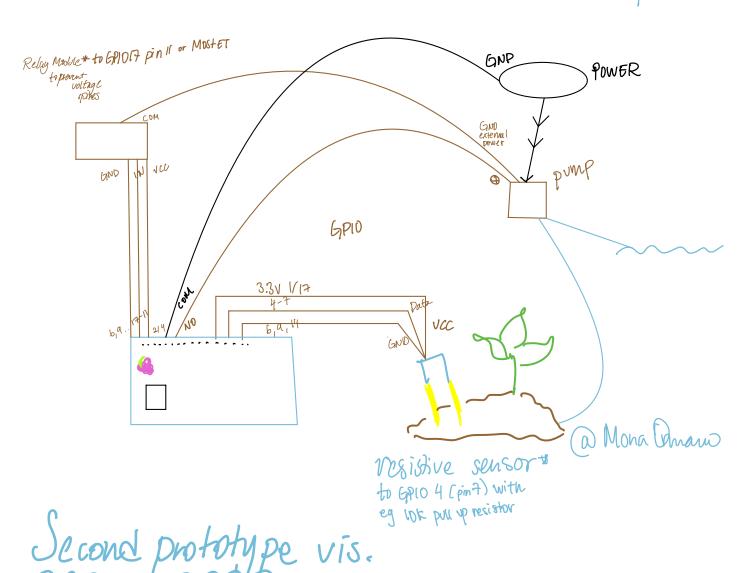
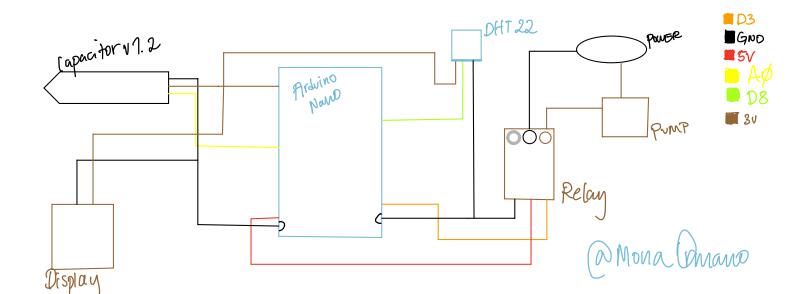
First prototype visualization

* digital version to prevent extra east of ACC adaptation





Second prototype of my smart water i migration system. The prototype white ins a digital soil moisture sensor that is read by my system. When moisture and temperature levels drops below my wished levels my automated waterprimp will water the soil to wished levels my automated waterprimp will water the soil to pre determined moisture level to orstain continously good hydration levels before watering, mine continously controls unlike regular automated impation systems, mine continously controls plants hydration levels before watering, limiting the risk of over hydration (while also limiting water waste.

The smart functions also allow for its user to have a relf-sustaining watering system non-dependent of the users Physical proximity to the plants.

Planned fiture venions of the system is a wer-controlled water enabling controlled function through Ardvino Iotalod. The user interpace will also enable user central of wished humidity level and trigger point for waterpropactive from a ctivation!

Material 3 Depital soil moisture sensor with setposats - Ditt 22

Microcontrollers Raspberry Pt 4 (b) and Relay Module
Ardorno Nauo

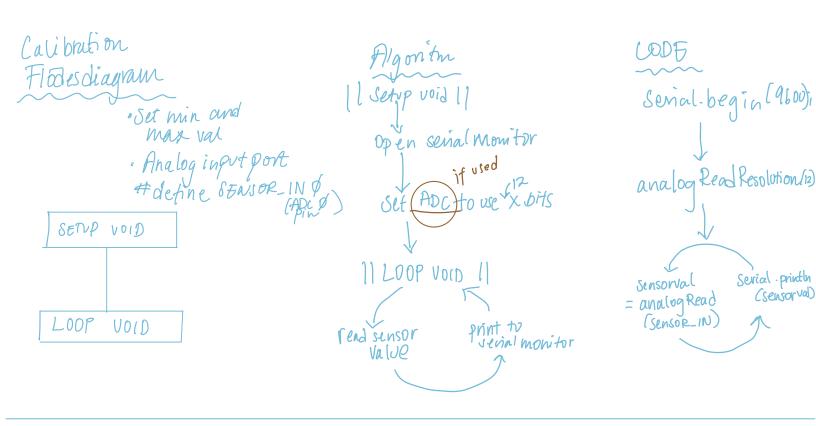
Pump

Jump wires

Battery

Capacitor v.1.2

Led display for Callibration



Others

Calibration value R

Dry reading 20-0 - More rensitive

-more prone

to corossion
in probes

Kend Sensor lodesdiagram Reset Sensor Delay 1000p || sunstr. getadress|| print addr. Il sensor. get Version ! print version delag 50/4 _00P Sensor Busy? YES No [get. Resistance] Print resis YES [get. Temperature] ONZ print femp * if usage of Arduina look over user interferance lget. through Ardicino TOT Cloud here