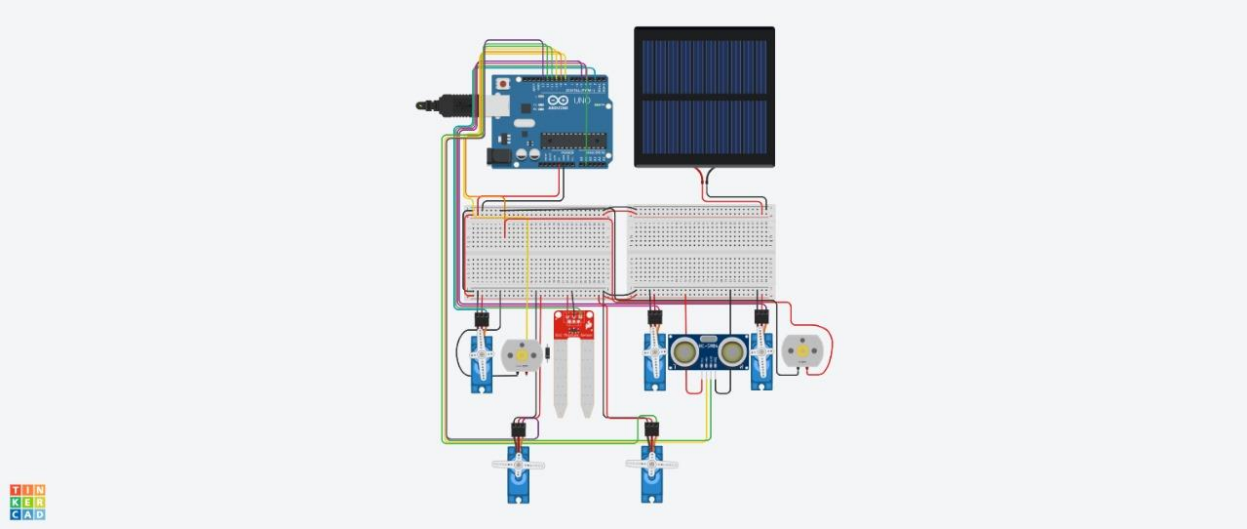
Setup Instructions:

- **To test the Electronics code:** Make sure you download and register the TinkerCAD program. Also, read the comments in each code to understand the conditions.
- Move the markers above each sensor to change its numbers.
- If an error occurs, rerun the code.

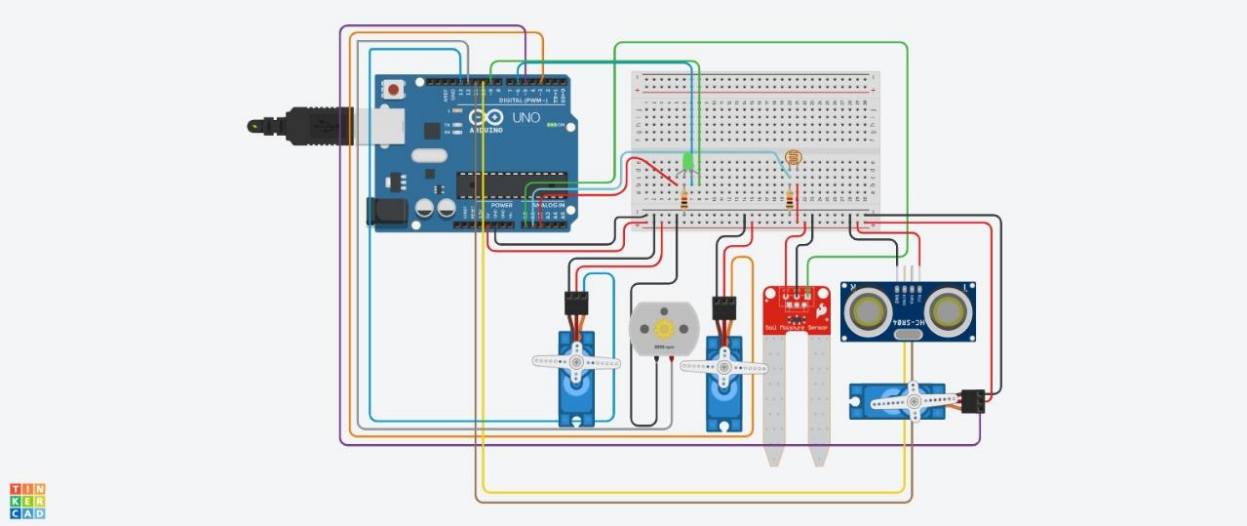
➢ Filtration in simulation:



➢ Link to tinkercad:

- Circuit design Grand Leelo - Tinkercad **(use this link)**
- Important note: Here the entire system is working, and the conditions are met, but for the servos to move, they need a battery to move, but its code works well.

➢ Normal irrigation in simulation:

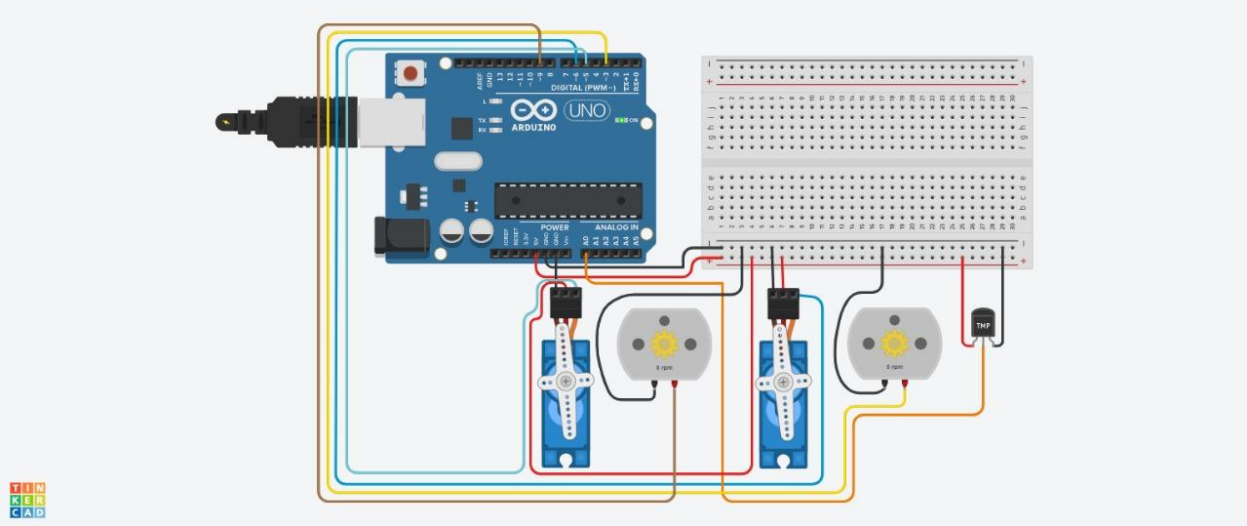


➢ Link to tinkercad:

- https://www.tinkercad.com/things/4f7x9prqIW5-brave-tumelo-blad/editel?sharecode=_BZxH8sAInk_jlnaR9phaU9euhuSh73FxwtJBx1WB4w

---

➢ Water Sprinkler in simulation:

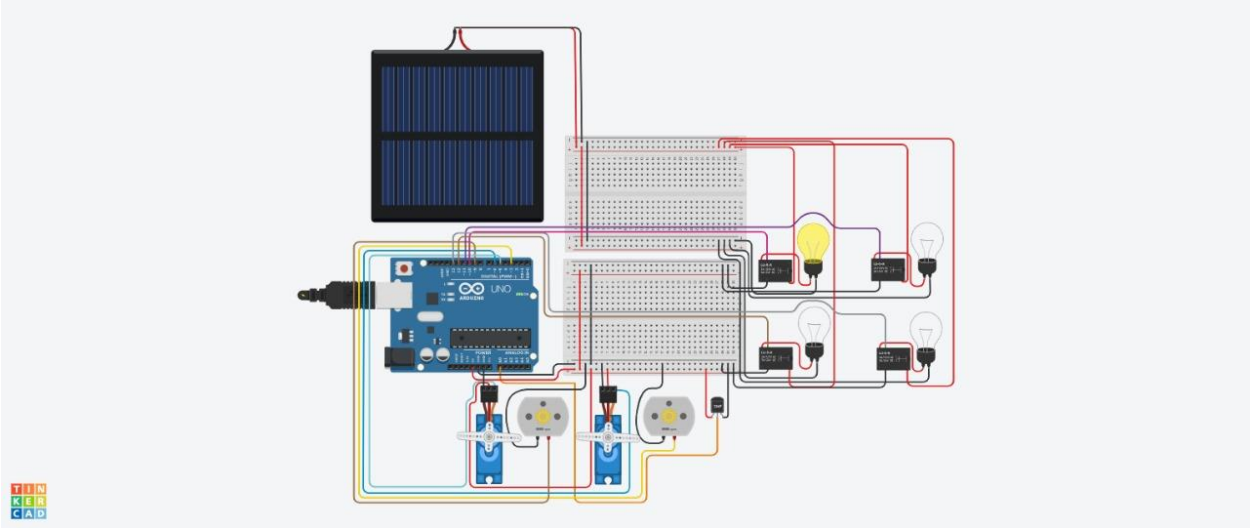


➢ Link to tinkercad:

- https://www.tinkercad.com/things/b2OAbAvkHUt-funky-maimu-hango/editel?sharecode=dwd26YEEM2VxHX5RLPlCKIFyd3eapggMI9FaM5kkrJc

---

➢ Greenhouse in simulation:

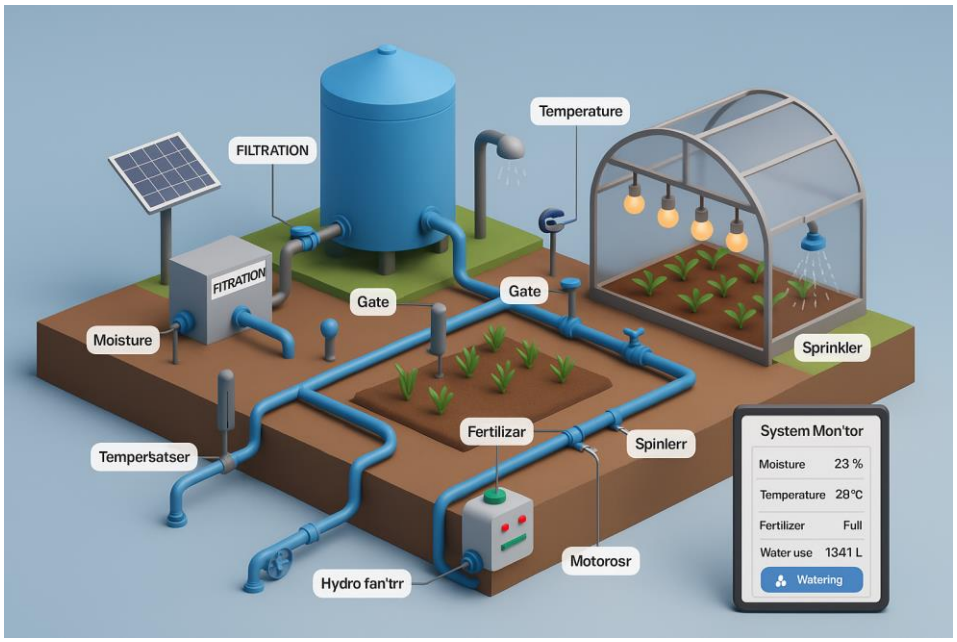


➢ Link to tinkercad:

https://www.tinkercad.com/things/2q4hSdtUdtU-smooth-albar-amur/editel?sharecode=COs7VlDF74LWhlP1X1MogZmrvzh7Dkz8yoSLCD0ZVUU

- Important note: Here the entire system is working, and the conditions are met, but for the servos to move, they need a battery to move, but its code works well, and the solar panel needs an additional energy source, which will be available in reality (large scale).

3d modeling:



Our application: https://subtle-concha-40658a.netlify.app/