Sensors List:

* Soil moisture sensor – YL-69
* Humidity sensor – DHT11
* Temperature sensor – LM35DZ
* Light level sensor - BH1750FVI for further information [LINK](https://thecaferobot.com/store/intensity-sensor-bh1750fvi)
* Flow sensor – YF-S201 for further information [LINK](https://eshop.eca.ir/%D8%B3%D8%A7%DB%8C%D8%B1-%D8%B3%D9%86%D8%B3%D9%88%D8%B1%D9%87%D8%A7/7110-%D8%B3%D9%86%D8%B3%D9%88%D8%B1-%D8%AC%D8%B1%DB%8C%D8%A7%D9%86-%D8%A2%D8%A8-%D9%81%D9%84%D9%88%D9%85%D8%AA%D8%B1-yf-s201.html)

Actuators:

* Fan for cooling down 🡪 simple DC Motor
* (Globe valve) for water system to water plants 🡪 [Link](https://www.iran-module.ir/product_info.php/products_id/1694/pname/%D8%B4%DB%8C%D8%B1-%D8%A8%D8%B1%D9%82%DB%8C-%D9%BE%D8%A7%D9%84%D8%B3%DB%8C-1-2-MFZ0102M-180)
* Grow Light bulbs 🡪 [Link](https://www.irangrowlight.ir/fa-ir/products/catid/6/%D9%84%D8%A7%D9%85%D9%BE-%D8%B3%D8%B1-%D9%BE%DB%8C%DA%86-%D8%AF%D8%A7%D8%B1-%D8%B1%D8%B4%D8%AF-%DA%AF%DB%8C%D8%A7%D9%87.aspx)
* Humidifier ???? I couldn’t find anything useful!