



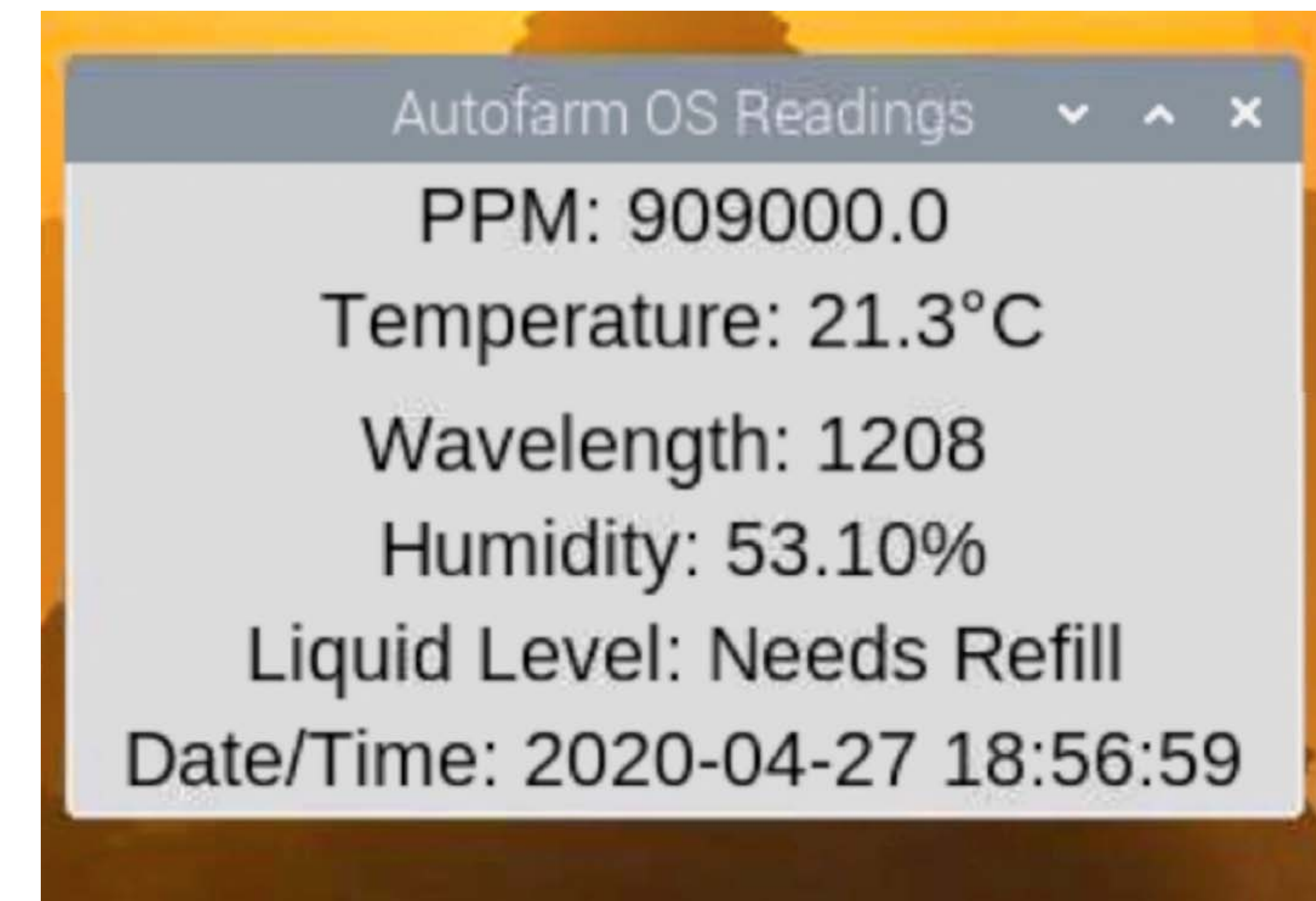
AutoFarmOS (Team No. 7)

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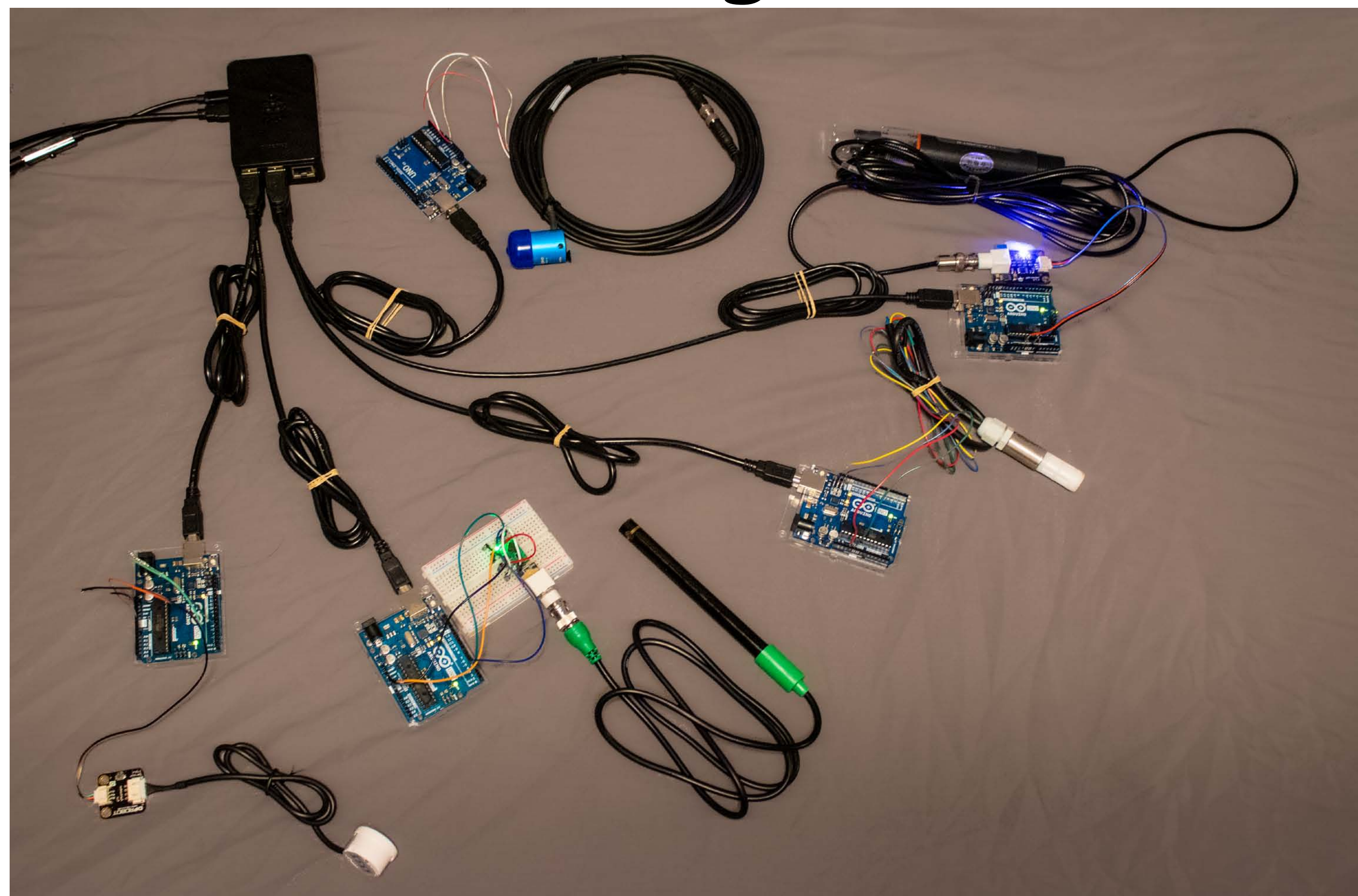
Description & Purpose

- AutoFarmOS is the software used to control the sensors for the TerraFarm farming module.
- This project is being undertaken to satisfy the embedded software needs of the farming module, for the start-up company TerraFarm.
- The AutoFarm product aims to solve agricultural and environmental issues such as reducing environmental degradation, increasing food accessibility, and slowing the process of climate change.

- Screenshot of GUI showing data collected from sensors.
- Data is packaged to be sent to remote Server.



Design



Ethical & Intellectual Property Issues

- Ethical: Securing the AutoFarmOS so that the prototype growing unit can't be accessed by unauthorized users.
- IP: We had to be sure to use only open source drivers so as not to infringe on any intellectual properties. We also had to ensure that each driver was only used in a means specified by the creator.