# Team Weekly Report

**Team:** Plantir - PlantHub
**Week:** 7
**Members:** Caden Miller, Kevin Johnson, Alex Garrido, Mihir Gonsalves

## Status Report

This was a slow week. Regardless, progress was made. The hardware is not working as seamlessly as we hoped. The circuit is non-complex, so we should get over this wall with a couple more hours of debugging. We have started to look into different form factors for pots for various modules. We have reorganized how data is routed and presented in the web app. Our previous burn down chart was not as descriptive as expected, so we reorganized the Jira board.

## Current Status

1. What did the team work on this past week?

| Task | Task Lead | Status | Notes |
|---|---|---|---|
| Connecting Temperature/Humidity Sensor to ESP32 | Alex | In progress | Having trouble with reading temp data as of now |
| Connecting Rails backend to MQTT server | Kevin | | |
| Set up CI | Kevin | | |
| Organizing Jira and Sprints | Alex | Completed | |
| Set up basic front-end styling and more elaborate backend controlled pages | Caden | In progress | Having trouble with including JS in the rails project |
| Looking into different pots | Mihir | In progress | Creating a pot that maximizes area for water storage while keeping footprint low is slightly tough. |
| CAD - custom pot | Mihir | In progress | Latch system to open the bottom (ino and water storage) is not very smooth. |
| | | | |

2. What feedback has the team received?

| From Whom | Feedback | Next Steps |
|---|---|---|
| Mike Arnold (Ag Advisor) | Simply replied to our email and gave the contact info of other colleagues that can help. | Reached out regarding sensors needed to cover our bases and try to get a database for plant fertilizer info. |
| Joseph Johnson (Ag Advisor) | | |
| Kathryn Grier (Ag Advisor) | | |

3. Are any resources needed? If so, what?

## Plans for Next Week

What are your plans for this next week?

| Task | Task Lead | Notes |
|---|---|---|
| Finish Connecting all hardware to ESP32 | Alex | |
| Finish Sprint 2 and develop burndown charts | Alex | |
| Connecting Hardware data to web app | | |
| Continue adding to the website to add features even before they can be populated for easier later migration. Also, help with other tasks where needed | Caden | |
| Complete machining custom pot | Mihir | |
| Front End styling, styling data presentation | Kevin | |
| | | |
| | | |
| | | |