Team Weekly Report

Team: Plantir - PlantHub
Week: 5
Members: Caden Miller, Kevin Johnson, Alex Garrido, Mihir Gonsalves

Status Report

We completed planning of the hardware and software for the project. We have ordered a majority of the hardware needed for the self-watering pot apart from a battery circuit. With what we have we will be able to test the microcontroller and sensors as well as start to mount them in and around a pot for 3D design. We will now begin to integrate the hardware and software components to get the interface baseline working.

Current Status

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

Task	Task Lead	Status	Notes
Hosted Pilot Studies	Caden	Complete	
Level 1 Diagrams (Hardware Diagrams)	Caden	Complete	
Level 0 Diagrams + State Diagrams	Mihir	Complete	
Module Specifications	Mihir	Complete	
API Routes + Data Design + Tech Stack	Kevin	Complete	
Setting up Ruby on Rails Repo	Kevin	Complete	
Draw Conclusions from Pilot Studies	Alex	Complete	
Review Budget + Implementation Schedule	Alex	Complete	

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
Setup Github Repo for Microcontroller	Kevin	
Begin Software development	Kevin	
Deploy Web App	Kevin	
Purchase Rest of Equipment	Caden	
Begin developing hardware (soldering components)	Caden	
Create a test pot (small pot with soil)	Alex	
Begin UI	Mihir	
Organize sprints	Alex	
Start developing CAD files	Mihir	