

Usability Survey for the Smart Plant Monitoring System

5 responses

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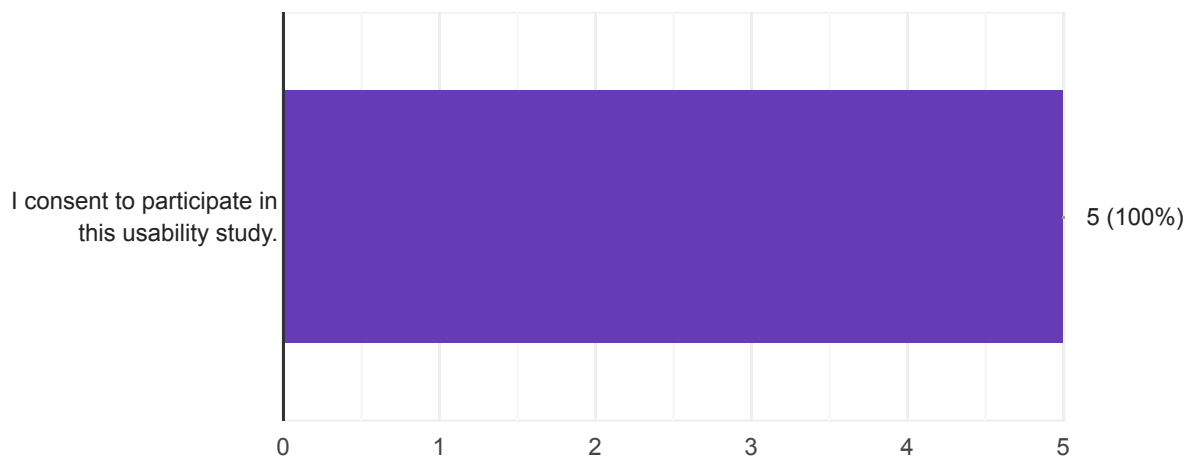
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Before proceeding with this survey, please read the following:

- Participation in this study is voluntary, and you may choose to stop at any time without providing a reason.
- Your responses will be anonymous and used solely for research purposes to improve the usability of the smart plant monitoring system.
- No personally identifiable data will be collected.

By continuing, you confirm that you have read and understood this information and consent to participate in this study.

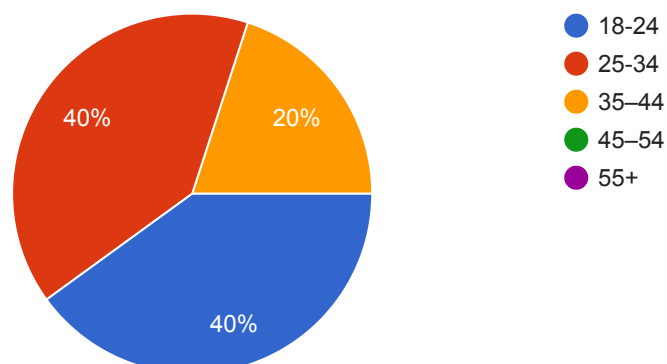
5 responses



Age Range

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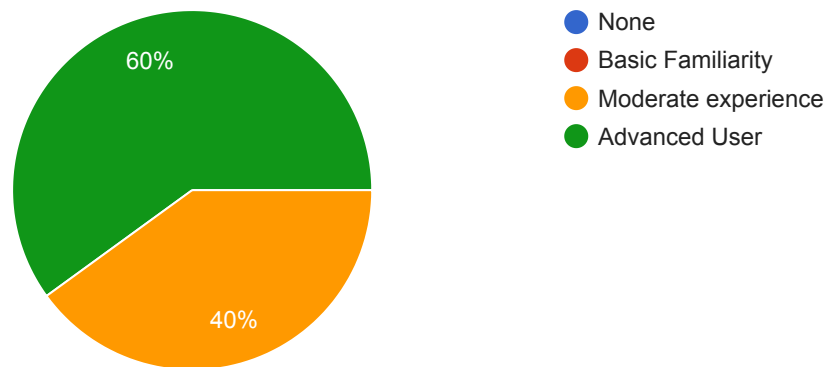
5 responses



How experienced are you with using systems similar to this one?

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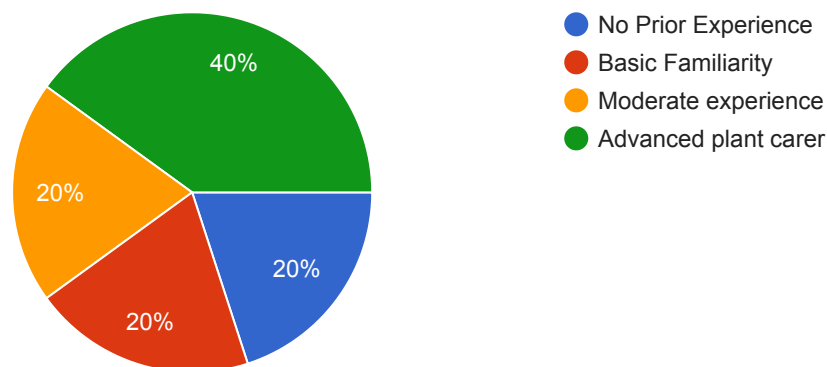
5 responses



How experienced do you feel taking care of plants?

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5 responses



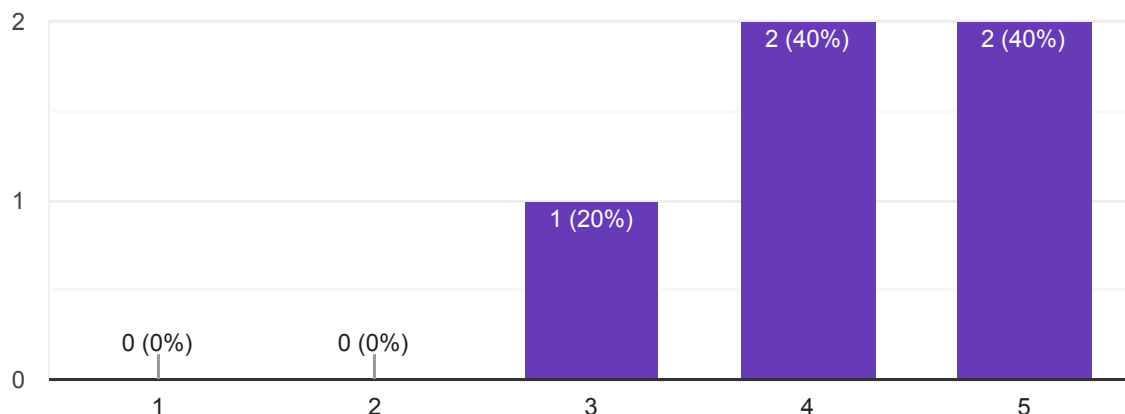
Task-Based Feedback

Task 1: Completing the introduction steps

How easy was it to navigate the interface?

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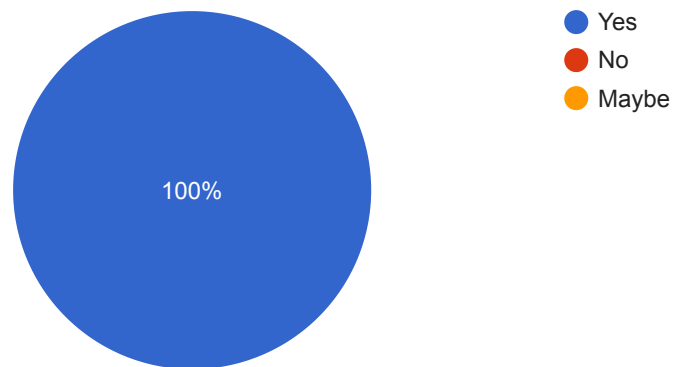
5 responses



Did you understand the purpose of completing the introduction steps?

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5 responses

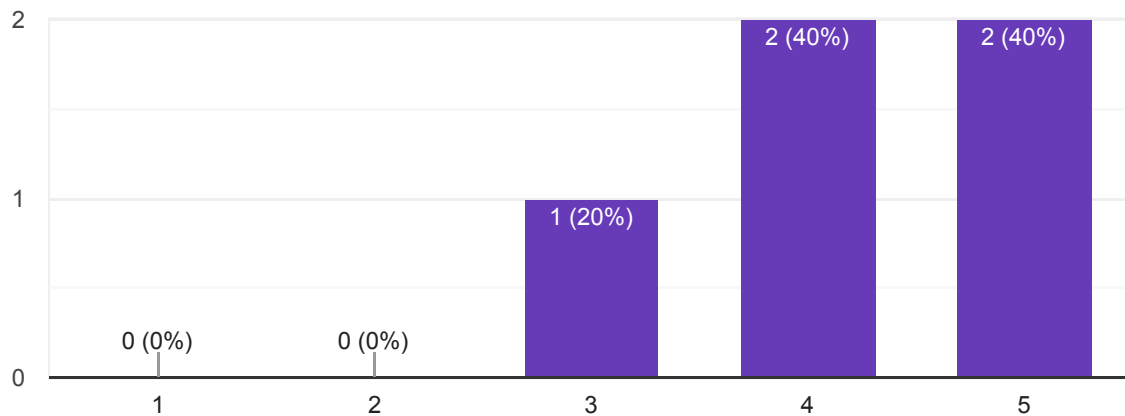


Task 2: Activating Actuators

How straightforward was the process of activating actuators?

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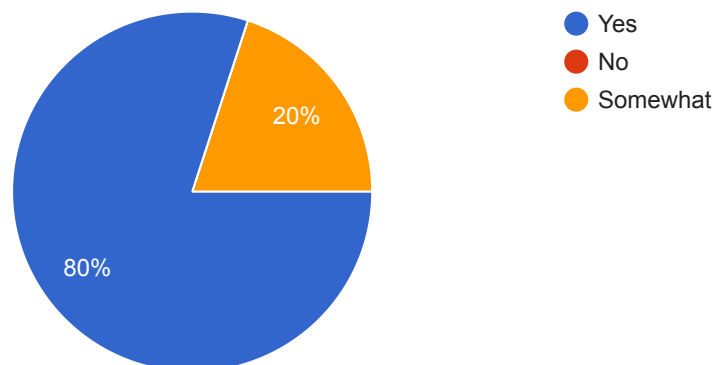
5 responses



Did the system respond promptly when activating the actuators?

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5 responses



Comments on Task 2 (Please mention any difficulties or suggestions)

3 responses

It was smooth once I found the button.

Very responsive, no delay between clicking and action.

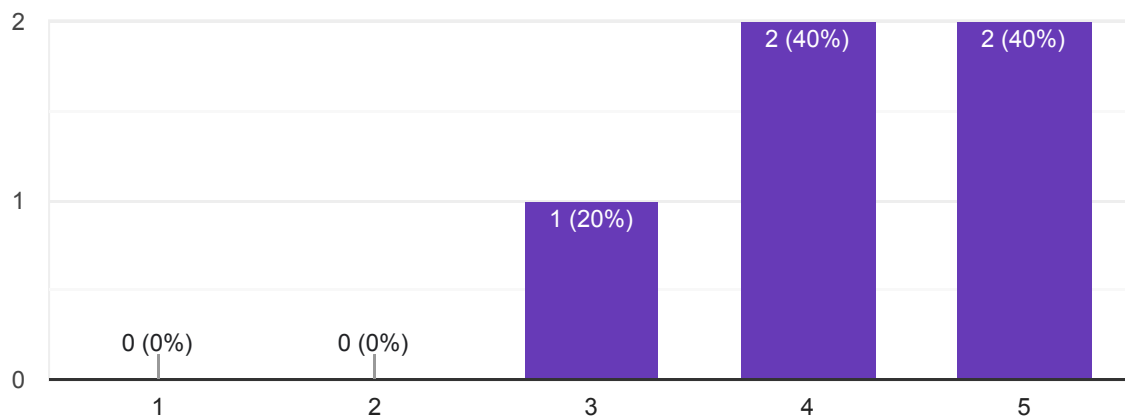
Worked, but slight delay made me unsure if it worked at first.

Task 3: Viewing Sensor Data

How easy was it to find the data you were looking for?

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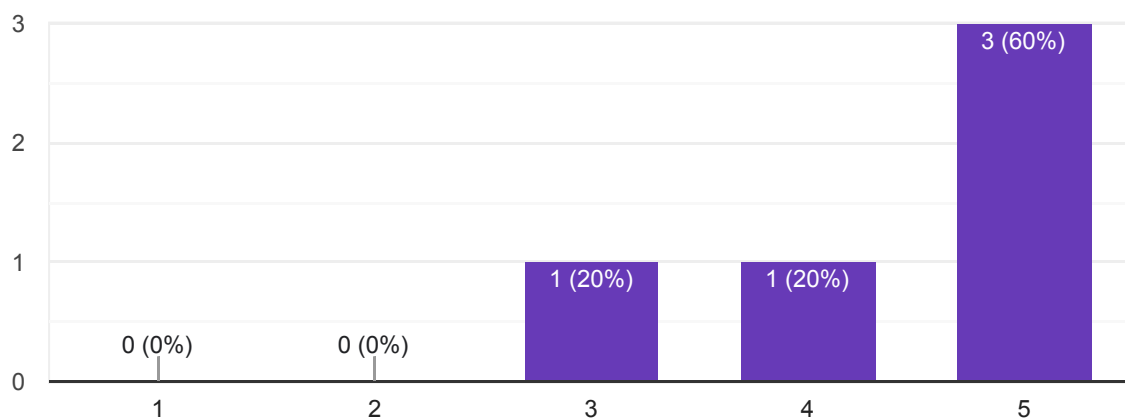
5 responses



How clear was the presentation of sensor data?

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5 responses



Comments on Task 3 (Please mention any difficulties or suggestions)

2 responses

Numbers were clear but would've liked small icons or explanations.

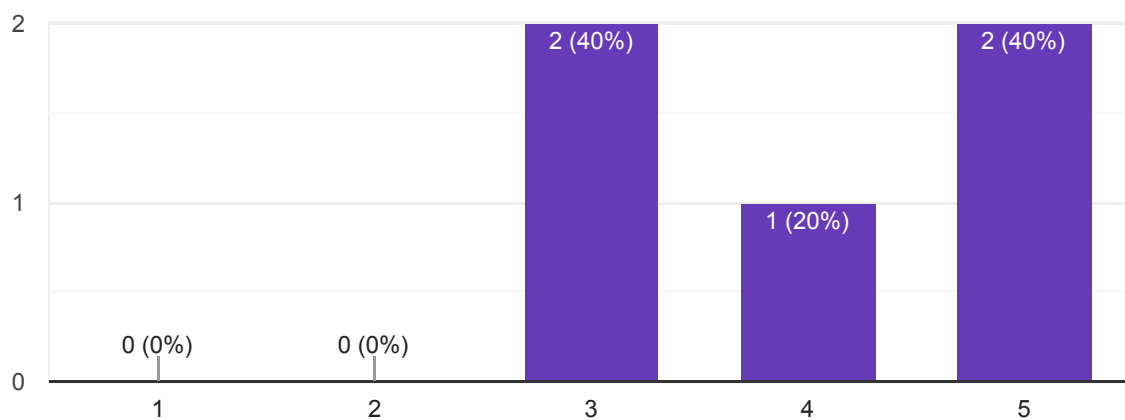
I loved the charts, they were very clear and easy to interpret.

Task 4: Adjusting Sensor Settings

How easy was it to locate and adjust sensor settings?

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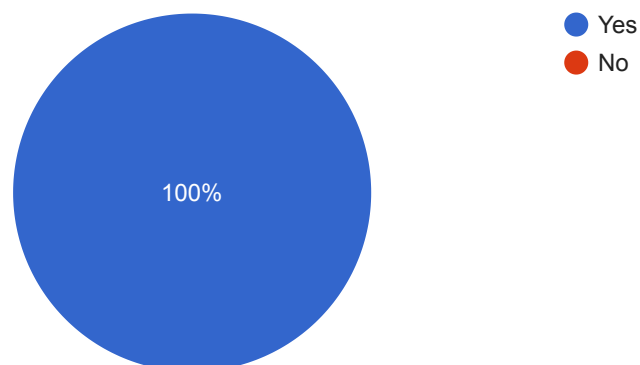
5 responses



Were the instructions for adjusting settings clear?

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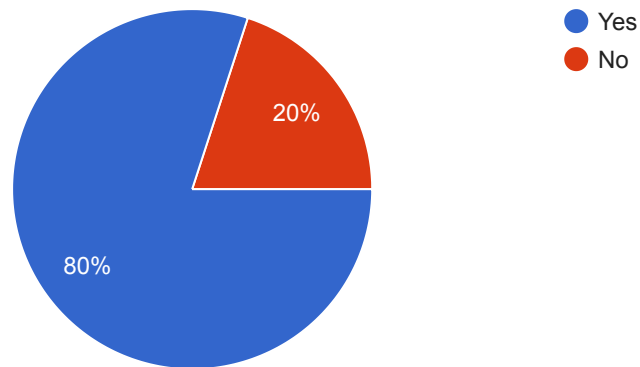
5 responses



Did the system react in the way you would expect when updating sensor thresholds?



5 responses



Comments on Task 4 (Please mention any difficulties or suggestions)

2 responses

Took me a minute to figure out what the thresholds meant.

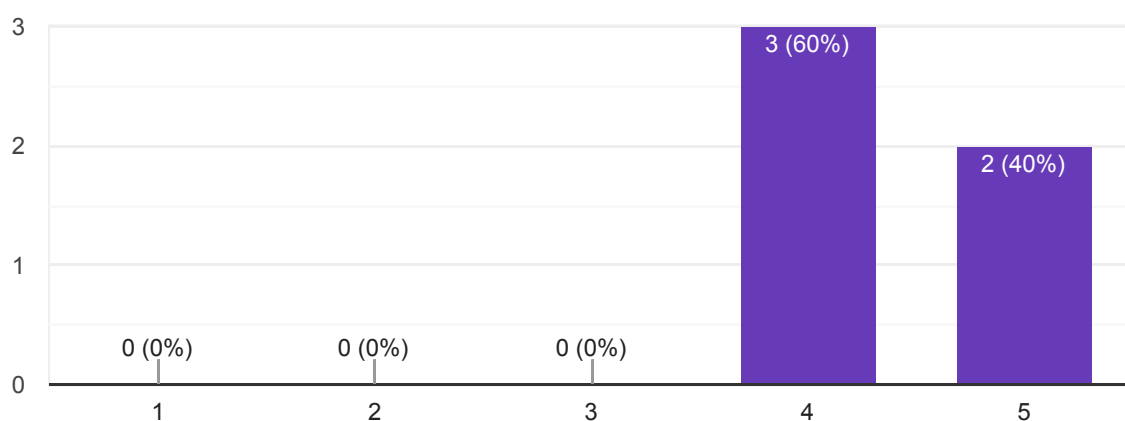
The change saved, but I wasn't sure because I didn't receive a confirmation message.

Task 5: Creating an event

How easy was it to locate the events section?



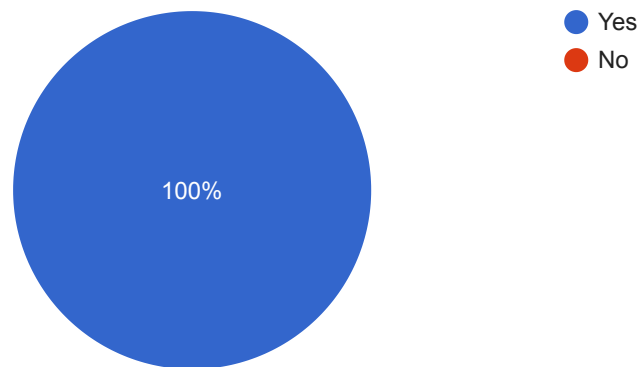
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Was the purpose of an event clear to you?

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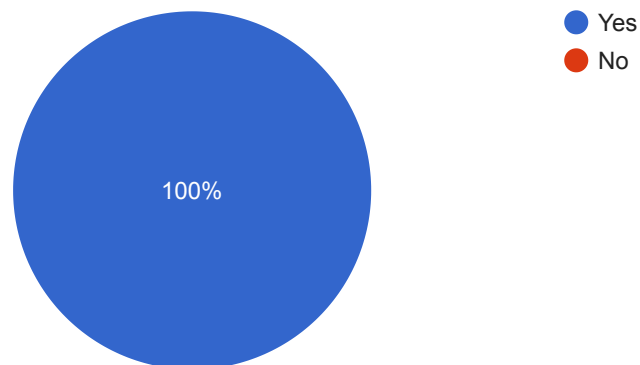
5 responses



Were the instructions for adjusting settings clear?

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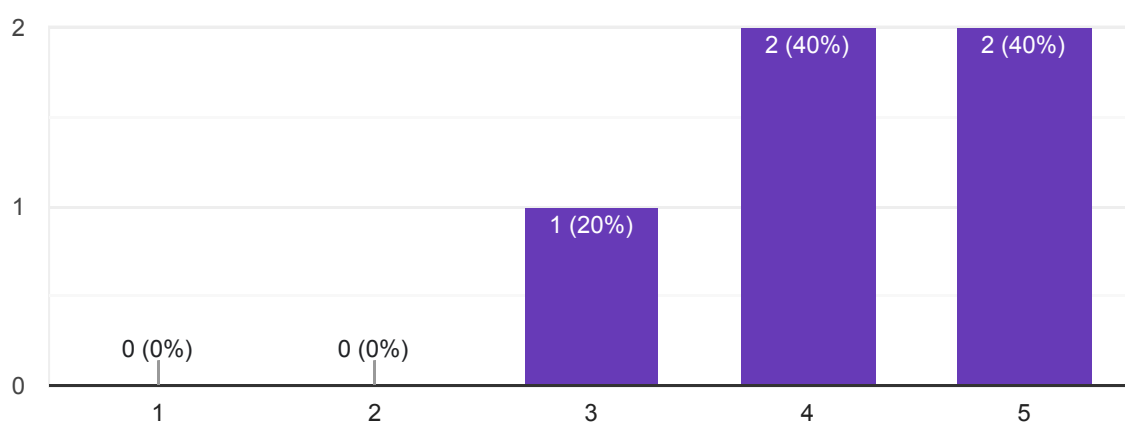
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How easy was it to create/update an event?

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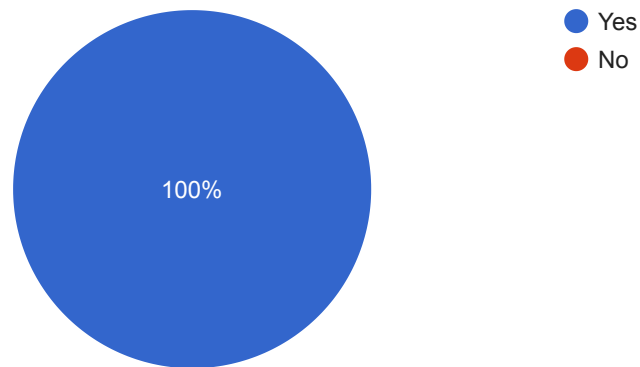
5 responses



Did the system react in the way you would expect when an event was triggered?

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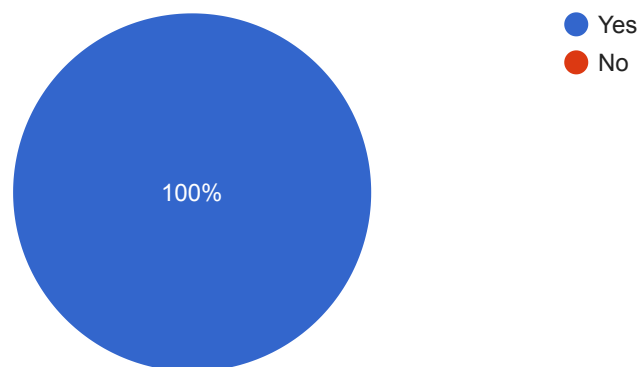
5 responses



When adding a scheduled time to an event, are you satisfied the the event triggered at the expected time?

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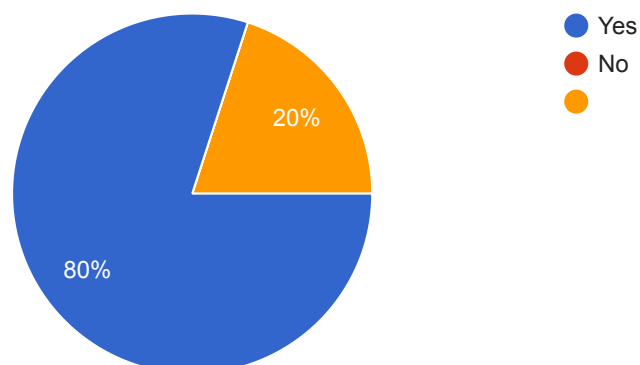
5 responses



Were the automation options clear?

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5 responses



Comments on Task 5 (Please mention any difficulties or suggestions)

2 responses

Super easy to set up light schedules.

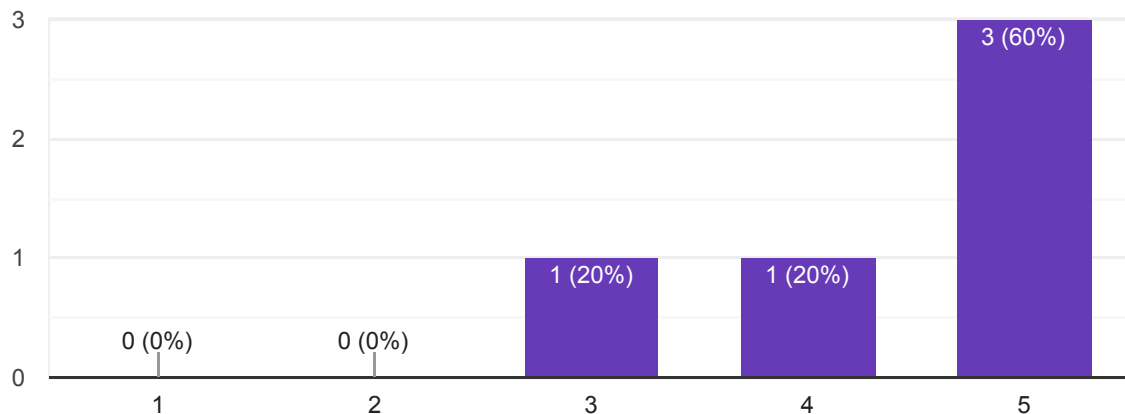
I think the events page could be a bit more clear in the interface or have better instructions as I feel some people may interpret it differently.

Task 6: Interpreting notifications

How easy was it to find the notifications?

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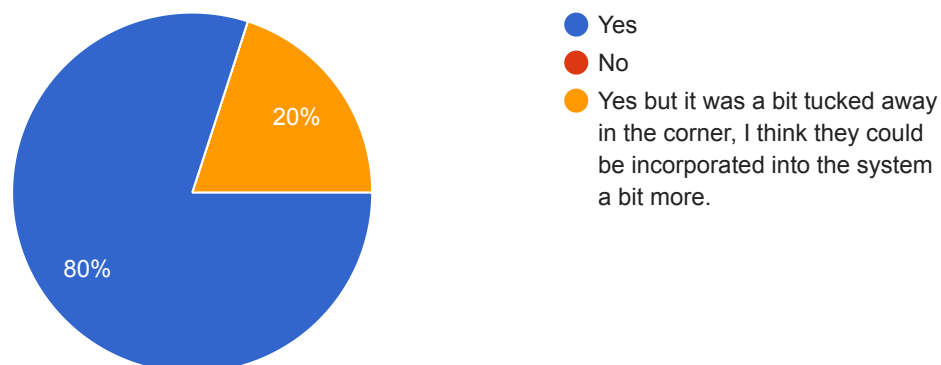
5 responses



Did the notifications help you understand changes in the system while you were away?

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5 responses



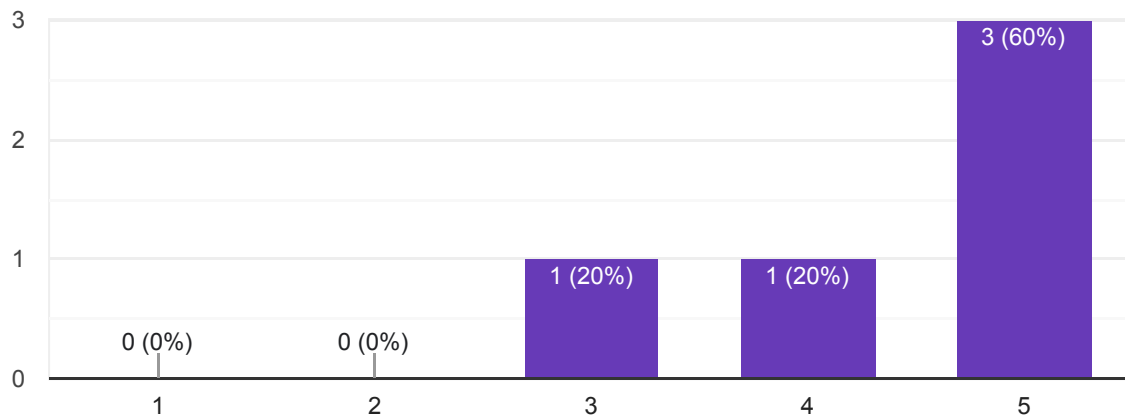
Overall System Usability



Overall, how intuitive did you find the system?

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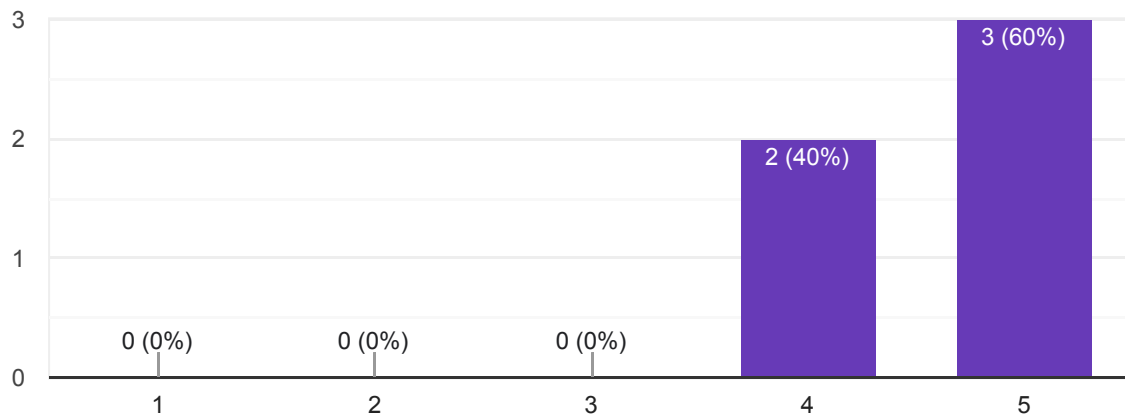
5 responses



Overall, how satisfied are you with the system's performance?

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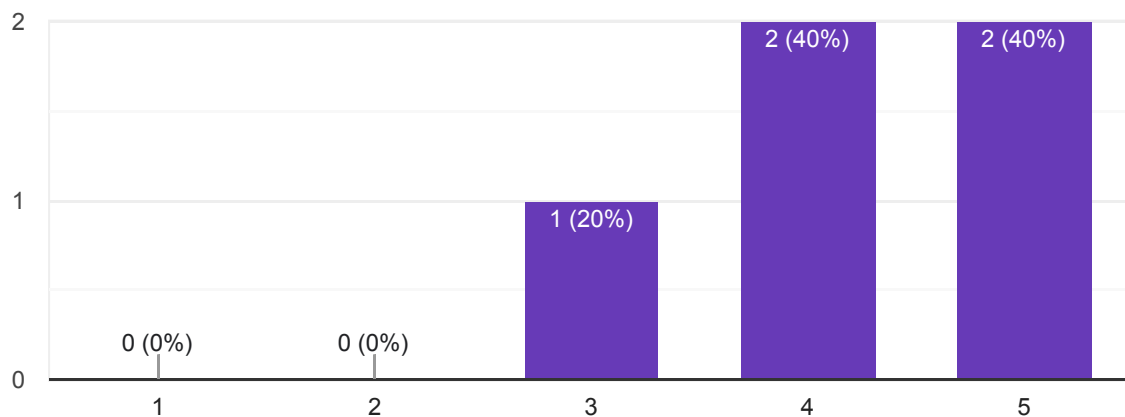
5 responses



How confident did you feel using the system?

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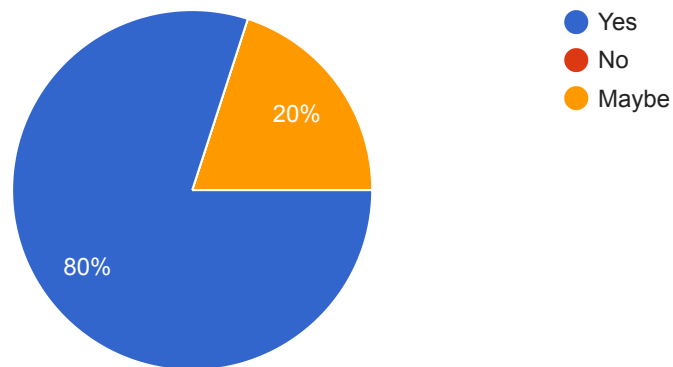
5 responses



Would you recommend this system to others?

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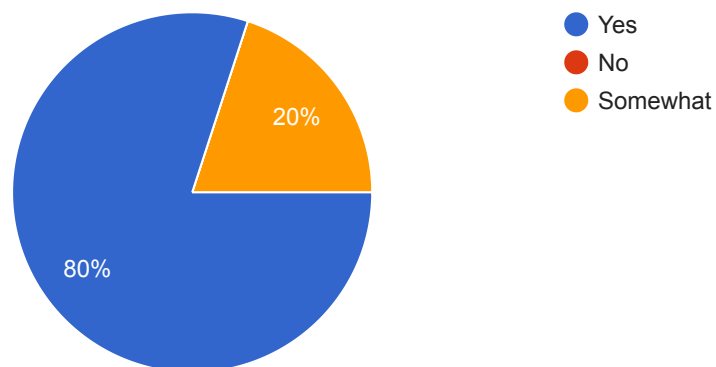
5 responses



Did the system function smoothly without lag or errors?

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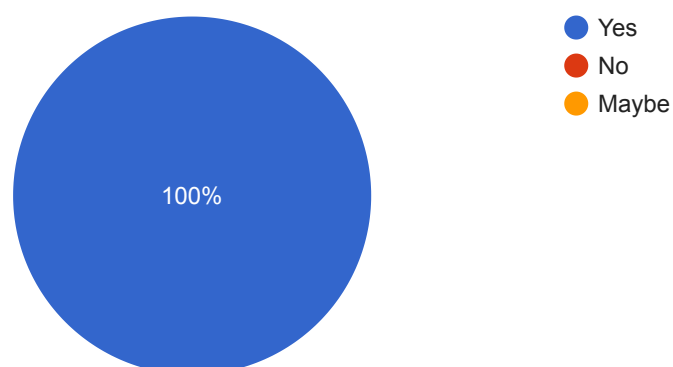
5 responses



Do you think this system would help you learn about your plants needs?

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5 responses



Feedback and Suggestions



What did you like most about the system?

5 responses

Simple layout, I didn't feel lost and it felt easy to find out the status of the plant.

Charts made it easy to understand trends.

Clean interface and easy automation setup.

I really liked the data section, you could see all the different stats and it gave a real insight into how the plant is doing and why it might look healthy/unhealthy. The information about each metric is also really useful to understand why all of these measurements are important.

I loved being able to trigger actions and see real-time response.

What improvements or changes would you suggest for the system?

5 responses

Improve labels for beginners. Make the actuator button more clearly a button.

Make event triggers and setup more visual. I thought the interface for this was clear and definitely usable but it could be made better.

Add help icons explaining each section more clearly if needed.

You could add the ability to have more than one plant, this would actually help people keep track of when they need to water their plant collection.

Confirmation messages when settings change and better use of alerts or notifications to update the user clearly.

Any additional comments or suggestions?

5 responses

I liked it and I thought it would actually help me in real life.

Really enjoyed trying it, felt like a polished prototype.

Great potential I would use this at home if it were fully developed.

I would use this in real life and I think it would help a lot of people regardless of their interest in tech.

Some small tweaks and this could be really helpful to beginners.



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