**Peer Review:**

Plant Watering Automatic System

Report:

**Problem definition:** The problem is well defined, both who will profit and the importance of finding the solution are clear and unambiguous from the description in the REAME file.

**Proposed Solution:** The solution seams to make sense on paper, it is a valid solution to the problem.

**Results:** The team uploaded a YouTube video explaining their work in more detail and showing tangible results in practice. They also claim it works. The testing method of the mechanism is unclear, so I think the project could benefit from a better inspection of the results, like measuring the water volumes, and perhaps comparing the moister level with other sensors.

**Future work:** The proposal for further development is intriguing and point at improving the care for domesticated plants. The report mentions challenges tackled throughout the project; it therefore seams the features in the report could have good educational value, as well as paramount implications.

General review:

Overall, the project report is coherent and seams to draw a good picture describing the mission, the journey traversed, and finally, conclusions that were drawn from the experience.

Repository:

1. **Code cleanliness and readability:**  
   Code is clear, even though all projects are WIP, this repo has very clean code and instructive comments.

This allows people entering this project, to easily familiar themselves with the functions and start integrating new updates into the work swiftly.

One thing we can improve:

* + 1. Constants help readability and maintainability, e.g.: “4”. It is used allot and as we understand it is the size of the bool[] in the structs. It may be replaced in the future and therefore maybe we should use a define instead: Informative name and less changes in the code if bool arr lengths change.

1. **Documentation:**  
   We loved it. Everything is clear and well documented.
2. **Teamwork:**  
   We can see that you are very collaborative, and we know that you work good together, also we listened to your presentations and heard that both of you know this project in and out.

Video:

* 1. **Story Structure and Flow:**The video is coherent and tells the storyline very clearly. The technology was explained in fair detail and is not too complicated to understand.
  2. **Explanation of the problem and the solution:**The problem is explained clearly, the solution seems to address the root issue and solve it in a reasonable, timely and resource-efficient manner.
  3. **Explanation of the Technology & Process:**The explanation is thorough, intelligent, and friendly for people with no previous knowledge at all.
  4. **Future Vision, Call to Action:**The vision is very concise, and the way ahead is already laid, and new features are just waiting for their turn to be implemented.

One thing to improve, we would Fade Out the background music while explaining, also there are not enough flowers in the video.