

Subject: Demonstration Plan

Course: EE 494

Professor: Dennis Hite

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Team Name/Members

C.E.L.P. Gardens

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For our final demonstration, we plan on making a video detailing the functionality of the device. The demonstration will take place in one of the team members' residences, due to constraints in the senior design lab. The video will explain how our project meets the requirements to be described as a complex engineering problem, and detail the solution we provide. It will also briefly break down the components of the design and show how they interact to perform the device's function.

- Demonstration Topics:
- Sensor Array:
 - Is the data accurate? How often is it polling for new data? What is done with the data? Where is it stored?
- Local Operations:
 - Microcontroller operations and power draw. When does the watering system actuate?
- External Operations:
 - How is data transferred from local storage to an external device? What does the serial application do?