

Problem Statement:

Gardeners need an easy way to keep track of when to water the plants in their garden in order to ensure healthy plants that yield fruits or vegetables. Some plants require different amounts of water at different intervals in order to produce the most yield, and knowing these discrepancies and monitoring them will ensure healthier plants.

Questions (4 W's):

Who is experiencing the problem?

New and existing plant owners, gardeners with multiple different types of plants, busy planters, and those with large gardens or greenhouses are ones who tend to experience this problem of not knowing exactly when they should water their plants.

What is the problem?

The problem with these planters and gardeners is that it can be difficult for them to remember exactly when they should water their plants. It's evident that these people need a simple and easy way to keep track of when to do so, and they should possess a certain object/device that will remind its users when to provide H₂O at precise times.

Where does the problem present itself?

This certain problem presents itself among plant owners at their respective homes, businesses that use live plants as decorations, and those who simply have a desire to take care of plants.

Why does it matter?

Coming up with a solution to this problem truly matters because nobody wants their plants to die from over or under watering. People want something that will make it easier for them to remember exactly when to water their gardens and vegetables. Being able to provide sufficient amounts of H₂O for these living organisms can increase their growth, and as a result can provide food for numerous ecosystems, shelter, and even replenish the air we all breathe.