**GreenGuard**

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**Project Scope**

GreenGuard is a home plant/garden monitoring system for all those green fingered people with a passion for their flora/fauna. The system will monitor your plants at home and provide the moisture content of the soil in which your plant is contained. Using the WIA App the user will get a live reading of the moisture content and when the moisture content drops below a certain value then the user will be alerted via email and twitter that the plant/plants need watering.

**Tools, Technologies and Equipment**

* Raspberry PI 4
* Raspberry PI Moisture Sensor
* Raspbian OS
* Python Programming Language
* WIA – Internet of Things Communication Platform
* Project Repository

**GIT Repository**

<https://github.com/pholohan/GreenGuard>