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Abstract

The purpose of "the Environment Control System for radish with Internet of Things project" is to control the environment of radish cultivation in a planting house. The working process of this project is separated into two parts. The first part, hardware control, is to control temperature, moisture and illustrated the working status on LCD. The second part, software control, is collected data from all sensors and then published results on the website via MQTT protocol.

The Environment Control System for radish with Internet of Things project is evaluated by measuring the value of temperature and soil moisture from the system compare with the value from reliable instruments. The test results show that the system can measure the temperature and soil moisture correctly. Moreover, the software function of the system has fulfilled the requirements.

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Keywords : Environment Control System, Technology, Internet of Things

Advisor