

Using IOT for Smart Agriculture

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Abstract: *Smart agriculture is an emerging concept, because IOT sensors are capable of providing information about agriculture fields and so touch supported the user input. The feature of this paper includes development of a system which may monitor temperature, level of water, moisture and even themovement if any happens within the field which may destroy the crops in agricultural field through sensors using Arduino UNO board. Smart agriculture is an emerging concept, because IOT sensors are capable of providing information about agriculture fields so act upon supported the user input. The project aims atmaking use of evolving technology i.e. IOT and smart agricultureusing automation. Once hardware has been developed reckoning on the change in requirements and technology the softwareneeds the updating.*

Keywords: Internet of Things (IOT), Smart Agriculture using IOT, Arduino, Soil Moisture Sensor, Water levelSensor

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