SYNOPSIS OF THE PROJECT

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Project Title	Internet of Things in Smart Agriculture: Enabling Technologies

Brief Description of Project:

This IoT project proposes a system that helps the farmers to be fully aware about their farmlands and have an overlook at the same time. Its not easy to fully monitor the large farming area manually. So, this project helps them to monitor the farmlands and have control over them from afar. Using IoT components, we can monitor soil moisture, weather condition, irrigation system, wild animal intrusion detection using motion sensors, live broadcast with integrated night vision and other equipments. Farmers can use an android interface for viewing the data such as soil moisture, weather condition, video streaming for live monitoring and controls for irrigation system and siren to ward off animals.

Platform	Internet of Things
Front End Tools	Android App, Blynk IoT App
Back End Tools	Arduino programming

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