IOT Based Smart Crop Protection System for Agriculture

PROBLM STATEMENT

In this project, crops are protected from animals and also the humidity and temperature are continuously monitored in order to prevent the crops. A sample images of animals are given as input and if the same sample detected then the SMS will be sent to the owner. After detecting the animal, the image will be stored in object storage and also uploaded in cloud database and the URL of the image was sent to the owner. Also, if the humidity level or temperature level increases or decreases drastically then an SMS will alert the owner immediately. The animal photos need to be more accurate to detect correctly and also the animal will become terrified by some sound and it will ran away from fields. The objective is to protect the crops from destruction to crops made by animals as well as divert the animal without any harm or affecting the animal. If an animal is detected, then it is warned by a sound to distract it.