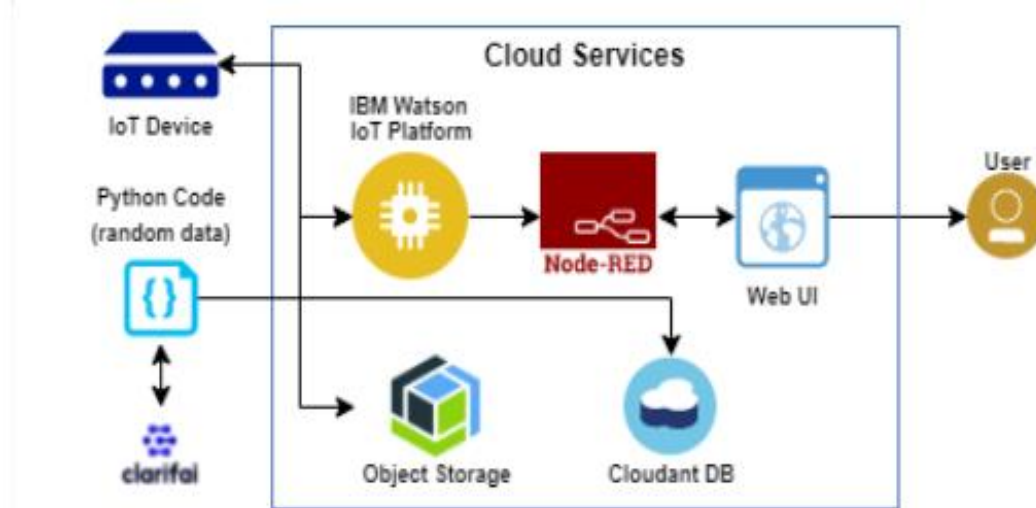


SOLUTION ARCHITECTURE SMART CROP PROTECTION USING IOT

TEAM ID:PNT2022TMID02468

TECHNICAL ARCHITECTURE:



An intelligent crop protection system helps the farmers in protecting the crop from the animals and birds which destroy the crop. This system also helps farmers to monitor the soil moisture levels in the field and also the temperature and humidity values near the field. The motors and sprinklers in the field can be controlled using the mobile application

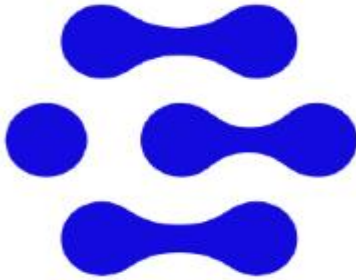
Temperature and Humidity using web app



Soil moisturing using web app



Image stored in cloud



Detection of animals using Clarifai service



Alarm to prevent crop from animals