

# *IOT Based Smart Crop Protection System for Agriculture*

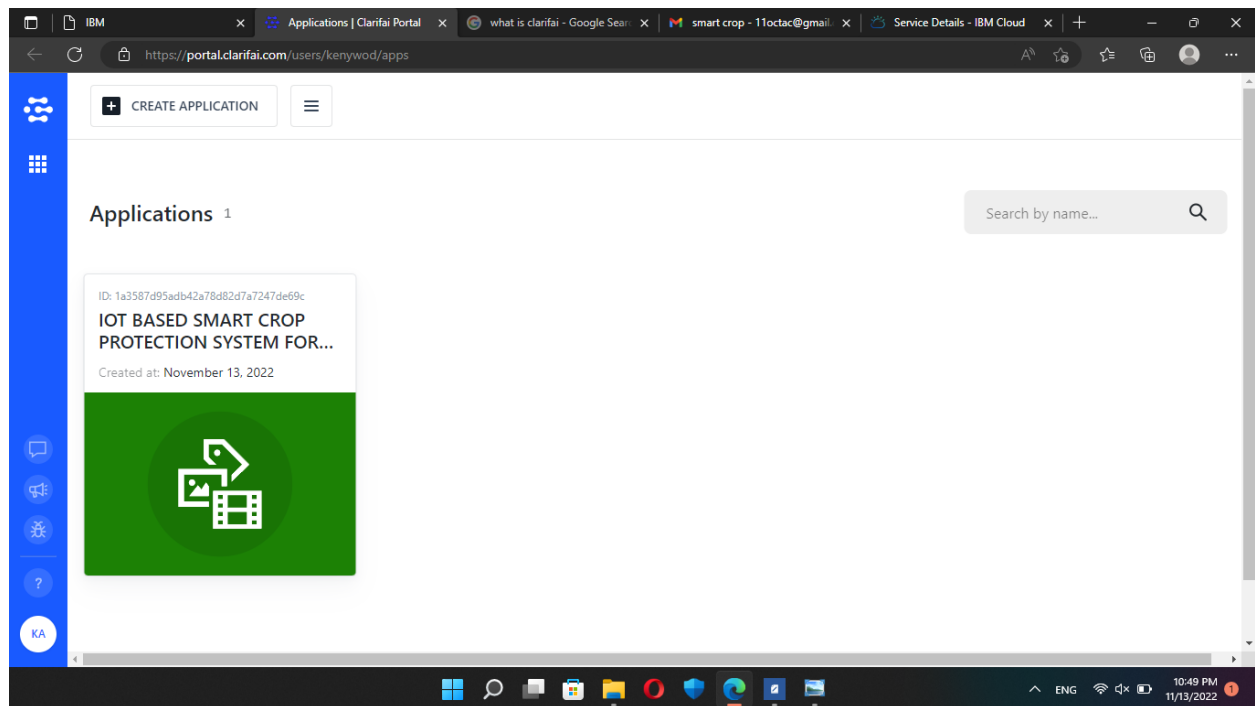
**Team ID - PNT2022TMID49683**

**CLARIFAI**

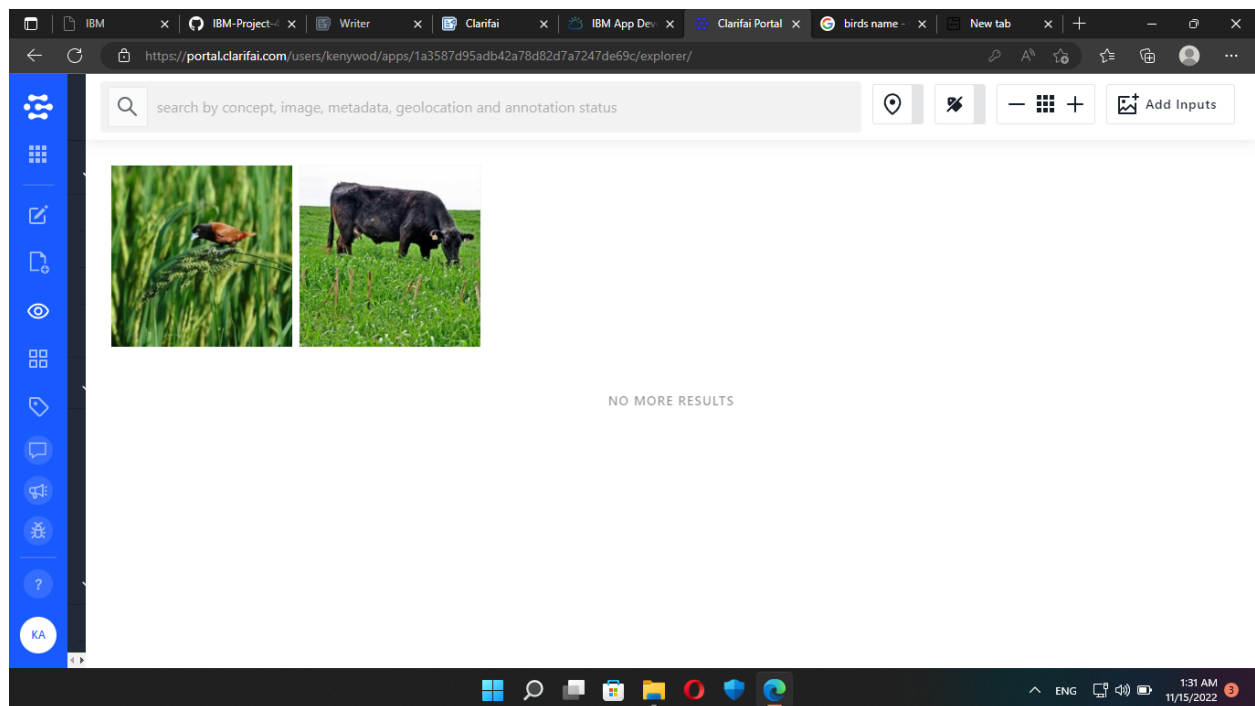
Clarifai account was created successfully

The screenshot displays the Clarifai portal interface for an application titled "IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE". The application ID is 1a3587d95adb42a78d82d7a7247de69c. The description states: "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." The default language is set to English, and the base workflow is General. The application was created on November 13, 2022. There are buttons for "Delete All Inputs", "Delete All Models", and "Delete App" under the "DANGER ZONE" section. There are also buttons for "View In Explorer" and "Add Inputs". The "API Keys" section shows the API key PNT2022TMID49683. The "Collaborators" section states "You currently have no collaborators on this App." The interface includes a sidebar with various icons and a top navigation bar with tabs for "what is clarifai", "smart crop", "IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE", and "Service Details - IBM Cloud". The bottom of the screen shows a Windows taskbar with the time 10:48 PM on 11/13/2022.

In the Clarifai account we create an app to detect the animal and birds intrusion



we detect animals and birds in that case.




IBM Project Writer Clarifai IBM App Dev mycluster Clarifai Portal New tab

https://portal.clarifai.com/users/kenyod/apps/1a3587d95adb42a78d82d7a7247de69c/explorer/inputs/d26417ac929b465e839e3a3c99bd26ed

### IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

INPUT ID: D26417AC929B465E839E3A3C99BD26ED



ACTIVE MODEL

Annotations

Proposals

Model Predictions

APP WORKFLOW: GENERAL

TOP VISUAL SEARCH RESULTS

CUSTOM MODEL PREDICTIONS

METADATA

JSON	TABLE
<pre>{   "animal": "buffalo" }</pre>	

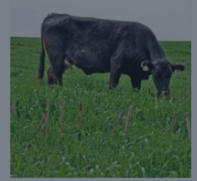
12:56 AM 11/15/2022

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https://portal.clarifai.com/users/kenyod/apps/1a3587d95adb42a78d82d7a7247de69c/explorer/

search by concept, image, metadata, geolocation and annotation status

Add Inputs



### Input Metadata

```
{  
  "animal": "buffalo"  
}
```

Close

1:07 AM 11/15/2022