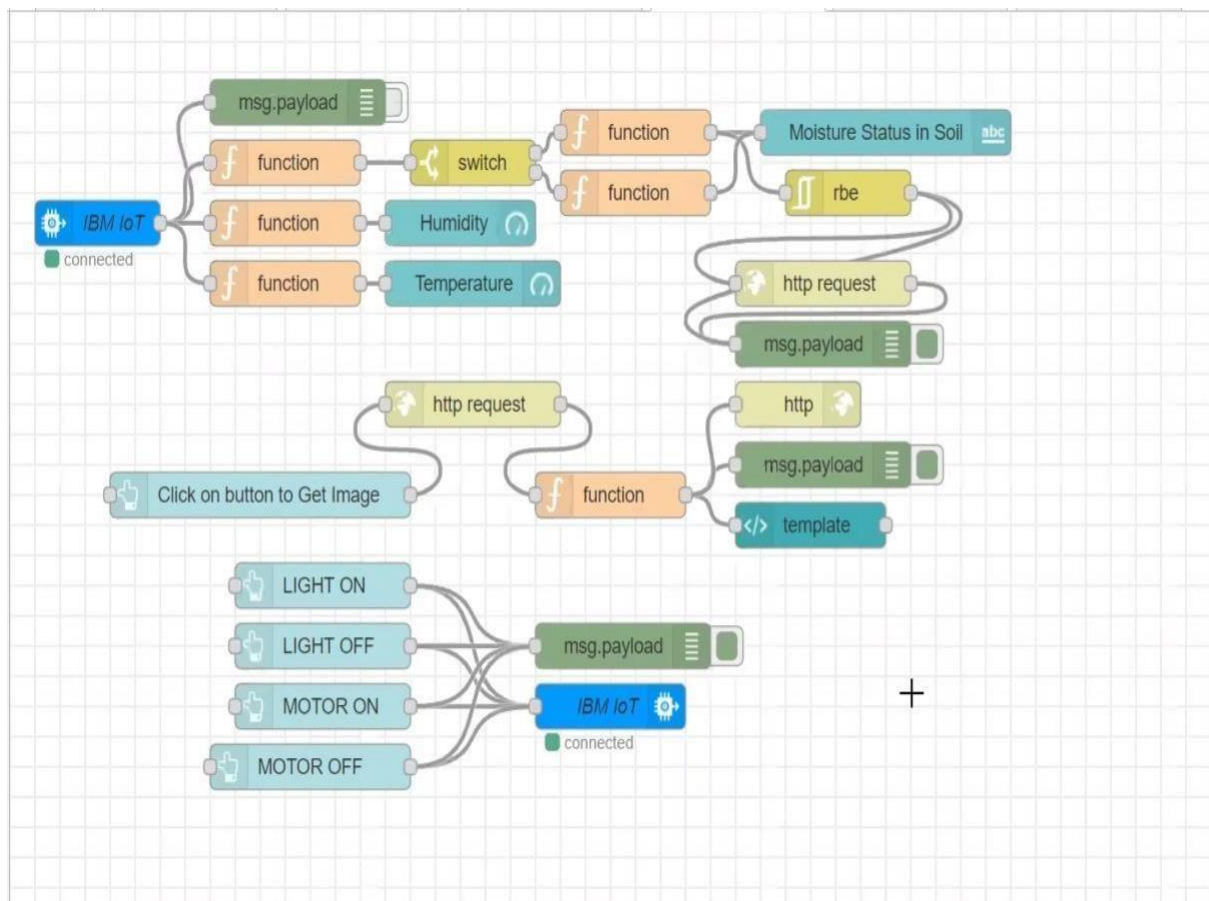
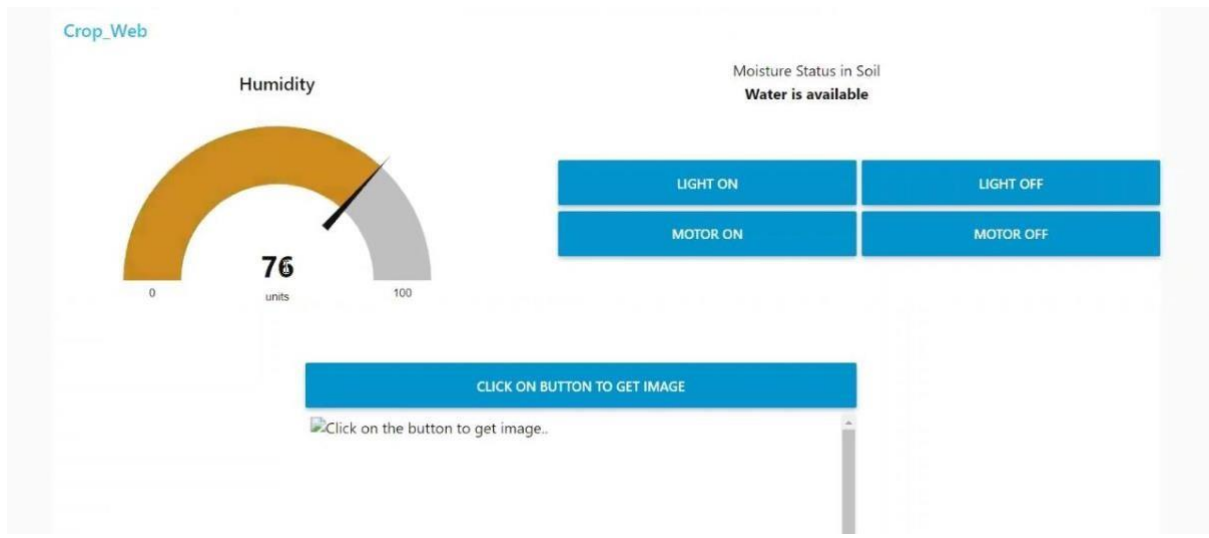


SPRINT 2

Date	10 November 2022
TEAM ID	PNT2022TMID08774
Project name	IOT Based Smart Crop Protection System for Agriculture
Mark	20 marks



OUTPUT 1:



OUTPUT 2:

```
crop_protect.py - C:\Users\HP\Desktop\crop\crop_protect.py (3.8.8)
File Edit Format Run Options Window Help
FileObj=File data,
Config=transfer_config
)
print("Transfer for (0) Complete!\n".format(item_name))
except clientError as be:
print("CLIENT ERROR: (0)\n".format(be))
except Exception as e:
print("Unab...")
def myCommandCallback:
print("Command: ")
command=cmd.data
print(command)
if (command=='light'):
print('light')
elif (command=='motor'):
print('motor')
elif (command=='stop'):
print('stop')
myConfig = {
"identity": {
"orgId": "h3",
"typeId": "M",
"deviceId": "1",
},
"auth": {
"token": "1234567890"
}
}
client = wiotp.sdk.device.client.DeviceClient()
client.connect()
database_name = "crop_data"
my_database = client
if my_database.exists(database_name):
print(f"Database {database_name} exists")
cap=cv2.VideoCapture(0)
if (cap.isOpened()==True):
print("File opened")
else:
print("File not opened")
```

```
IDLE Shell 3.8.8
File Edit Shell Debug Options Window Help
2021-04-06 12:54:08,425 wiotp.sdk.device.client.DeviceClient INFO Connected successfully: d:\h3\myNodeMCU:12345
'sample' successfully created.
File opened
['Animal': False, 'moisture': 73, 'humidity': 12]
Publish OK..
Alert! Alert! animal detected
Starting file transfer for 21-04-06-12-54.jpg to bucket: gnaneshwar
Transfer for 21-04-06-12-54.jpg Complete!
Document successfully created.
['Animal': True, 'moisture': 14, 'humidity': 61]
Publish OK..
Alert! Alert! animal detected
Starting file transfer for 21-04-06-12-54.jpg to bucket: gnaneshwar
Transfer for 21-04-06-12-54.jpg Complete!
Document successfully created.
['Animal': True, 'moisture': 56, 'humidity': 55]
Publish OK..
Alert! Alert! animal detected
Starting file transfer for 21-04-06-12-54.jpg to bucket: gnaneshwar
Traceback (most recent call last):
File "C:\Users\HP\Desktop\crop\crop_protect.py", line 120, in <module>
multi_part_upload('gnaneshwar', picname+'.jpg', picname+'.jpg')
File "C:\Users\HP\Desktop\crop\crop_protect.py", line 50, in multi_part_upload
cos.Object(bucket_name, item_name).upload_fileobj(
File "C:\Users\HP\AppData\Local\Programs\Python\Python38\lib\site-packages\ilm_boto3\s3\lir
ject.py", line 618, in object_upload_fileobj
return self.meta.client.upload_fileobj(
File "C:\Users\HP\AppData\Local\Programs\Python\Python38\lib\site-packages\ilm_boto3\s3\lir
ject.py", line 539, in upload_fileobj
return future.result()
File "C:\Users\HP\AppData\Local\Programs\Python\Python38\lib\site-packages\ilm_s3transfer\
futures.py", line 109, in result
raise e
File "C:\Users\HP\AppData\Local\Programs\Python\Python38\lib\site-packages\ilm_s3transfer\
futures.py", line 106, in result
return self._coordinator.result()
```