PROJECT DEVELOPMENT

SPRINT-4

Date	18 November 2022
Team ID	PNT2022TMID37822
Project Name	Natural Disaster Intensity Analysis and Classification using Artificial Intelligence
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DETECTION AND ANALYSIS OF DATA:

After Testing and Training the model, data which given in dataset are analysed and visualised effectively to detect the Disaster Type. Using webcam, it can capture imageor video stream of Disaster, to detect and analyse the type of Disaster.

```
print(x_train.class_indices)#checking the number of classes

print(x_test.class_indices)#checking the number of classes

from collections import Counter as c
c(x_train .labels)
```

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Saving the Model

CREATING app.py:

```
# import the necessary packages
from flask import Flask, render template, request
# Flask import Flask, render template, request
# Flask import so under framework which we are going to use to run/serve our application.
# #request-for accessing file which was uploaded by the user on our application.
# import operator
import operator
import ensorflow keras, models import load_model#to load our trained model
import memory as np
# import os
from werkseug.utils import secure_filename
# from playsound import playsound
# from playsound import playsound
# from playsound import grow
# from playsound import grow
# from playsound import grow
# print(type(speech))
# passound("outputi.mp3")
# playsound("outputi.mp3")
# playsound("outputi.mp3")
# loading the model
# loading the model
# loading the model
# loading the model from disk")
# loading the model
# loading the model from disk"
# loading the model
# loading the model from disk"
# loading the model
# print("toaded model(r'C:\Users\user\Desktop\IBM\Flask\templates\disaster.hs')
# print("toaded model from disk")
# print("toaded model fro
```