Project Planning Phase

Milestone and Activity List

Date	01 November 2022
Team ID	PNT2022TMID27160
Project Name	Emerging Methods For Early Detection Of Forest Fires

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	Data Collection	Create Train and Test Folders	Udhaya L Srinivas A Dhusyanth R
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure The Process	Srinivas A Udhaya L Kamalraj G
3.	Image Preprocessing	Apply ImageDataGenerator Functionality to Train&Test Sets.	Dhusyanth R Srinivas A Kamalraj G
4.	Model Building	Import the required model building libraries	Kamalraj G Udhaya L Srinivas A
5.	Model Building	Initialize the model	Srinivas A Udhaya L Kamalraj G
6.	Model Building	Add the Convolution Layer.	Kamalraj G Srinivas A Dhusyanth R
7.	Model Building	Add the Pooling Layer	Udhaya L Srinivas A Kamalraj G
8.	Model Building	Add the Flatten Layer	Kamalraj G Srinivas A Udhaya L
9.	Model Building	Adding the Dense Layers	Srinivas A Dhusyanth R Udhaya L
10.	Model Building	Compile the Model	Kamalraj G Dhusyanth R Udhaya L
11.	Model Building	Fit & Save the Model	Dhusyanth R Kamalraj G Udhaya L
12.	Test the model	Import the Packages & Load the Saved Model	Kamalraj G Udhaya L Srinivas A

13.	Test the Model	Load the Test Image, Pre-Process it & Predict	Kamalraj G Udhaya L Srinivas A
14.	Application Building	Build a Flask Application	Kamalraj G Udhaya L Srinivas A Dhusyanth R
15.	Application Building	Build the HTML page	Dhusyanth R Udhaya L Kamalraj G
16.	Application Building	Output	Kamalraj G Dhusyanth R Srinivas A
17.	Train CNN Model on IBM	Register for IBM Cloud	Dhusyanth R Srinivas A Kamalraj G
18.	Train CNN Model on IBM	Train Image Classification Model	Kamalraj G Udhaya L Srinivas A