

Project Planning Phase

Milestone and Activity List

Date	22 October 2022
Team ID	PNT2022TMID48153
Project Name	Project - Emerging methods for early detection of forest fire

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	Data Collection	Create Train and Test Folders	R.Lakshmi Priya D.keerthi G. Gayathri
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	K. Ashwathy R. Kousalya P. Kaviyarasi
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	R.Lakshmi Priya D.keerthi G. Gayathri
4.	Model Building	Import the required model building libraries	K. Ashwathy R. Kousalya P. Kaviyarasi
5.	Model Building	Initialize the model	R.Lakshmi Priya D.keerthi G. Gayathri
6.	Model Building	Add the convolution layer	K. Ashwathy R. Kousalya P. Kaviyarasi
7.	Model Building	Add the pooling layer	R.Lakshmi Priya D.keerthi G. Gayathri
8.	Model Building	Add the flatten layer	K. Ashwathy R. Kousalya P. Kaviyarasi
9.	Model Building	Adding the dense layers	R.Lakshmi Priya D.keerthi G. Gayathri
10.	Model Building	Compile the model	K. Ashwathy R. Kousalya P. Kaviyarasi
11.	Model Building	Fit and save the model	R.Lakshmi Priya D.keerthi G. Gayathri
12.	Test the model	Import the packages and load the saved model	K. Ashwathy R. Kousalya P. Kaviyarasi

13.	Test the model	Load the test image, pre-process it and predict	R.Lakshmi Priya D.keerthi G. Gayathri
14.	Application Building	Build a flask application	K. Ashwathy R. Kousalya P. Kaviyarasi
15.	Application Building	Build the HTML page	R.Lakshmi Priya D.keerthi G. Gayathri
16.	Application Building	Output	K. Ashwathy R. Kousalya P. Kaviyarasi
17.	Train CNN Model on IBM	Register for IBM Cloud	R.Lakshmi Priya D.keerthi G. Gayathri
18.	Train CNN Model on IBM	Train Image Classification Model	K. Ashwathy R. Kousalya P. Kaviyarasi