

Project Planning Phase

Milestone and Activity List

Date	22/10/2022
Team ID	PNT2022TMID02636
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	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshbabu
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshbabu
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshbabu
4.	Model Building	Import the required model building libraries	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshbabu
5.	Model Building	Initialize the model	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshbabu
6.	Model Building	Add the convolution layer	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshbabu
7.	Model Building	Add the pooling layer	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshbabu
8.	Model Building	Add the flatten layer	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshbabu
9.	Model Building	Adding the dense layers	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshbabu
10.	Model Building	Compile the model	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshbabu

11.	Model Building	Fit and save the model	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshababu
12.	Test the model	Import the packages and load the saved model	S.Santosh SV.Thangatamizharasu H.Sanjay Vignesh S.sureshababu

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