

Project Planning Phase

Milestone and Activity List

Date	22/10/2022
Team ID	PNT2022TMID02621
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.Praveena R.Preethi Sheyne S cleetus K.Vignesh
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
4.	Model Building	Import the required model building libraries	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
5.	Model Building	Initialize the model	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
6.	Model Building	Add the convolution layer	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
7.	Model Building	Add the pooling layer	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
8.	Model Building	Add the flatten layer	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh H.Sanjay Vignesh S.sureshbabu
9.	Model Building	Adding the dense layers	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
10.	Model Building	Compile the model	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh

11.	Model Building	Fit and save the model	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
12.	Test the model	Import the packages and load the saved model	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh

13.	Test the model	Load the test image, pre-process it and predict	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
14.	Application Building	Build a flask application	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
15.	Application Building	Build the HTML page	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
16.	Application Building	Output	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
17.	Train CNN Model on IBM	Register for IBM Cloud	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh
18.	Train CNN Model on IBM	Train Image Classification Model	S.Praveena R.Preethi Sheyne S cleetus K.Vignesh