

Project Planning Phase

Milestone and Activity List

Date	29 October 2022
Team ID	PNT2022TMID41411
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.Mahalakshmi V.Kanimozhi
2.	Image Preprocessing	Import ImageDataGenerator Library and Configure	M.Kalaiyarasi V.Kanimozhi
3.	Image Preprocessing	Apply ImageDataGenerator functionality to Train and Test set	Naseeha Jaffar Ali R.Mahalakshmi
4.	Model Building	Import the required model building libraries	M.Kalaiyarasi R.Mahalakshmi
5.	Model Building	Initialize the model	V.Kanimozhi Naseeha Jaffar Ali
6.	Model Building	Add the convolution layer	Naseeha Jaffar Ali
7.	Model Building	Add the pooling layer	V.Kanimozhi Naseeha Jaffar Ali
8.	Model Building	Add the flatten layer	V.Kanimozhi Naseeha Jaffar Ali
9.	Model Building	Adding the dense layers	V.Kanimozhi Naseeha Jaffar Ali

10.	Model Building	Compile the model	All members
11.	Model Building	Fit and save the model	M.Kalaiyarasi R.Mahalakshmi
12.	Test the model	Import the packages and load the saved model	All members

13.	Test the model	Load the test image, pre-process it and predict	R.Mahalakshmi M.Kalaiyarasi
14.	Application Building	Build a flask application	V.Kanimozhi Naseeha Jaffar Ali –
15.	Application Building	Build the HTML page	All members
16.	Application Building	Output	All members
17.	Train CNN Model on IBM	Register for IBM Cloud	All members
18.	Train CNN Model on IBM	Train Image Classification Model	Naseeha Jaffar Ali V.Kanimozhi