

Project Planning Phase

Milestone and Activity List

Date	5 November 2022
Team ID	PNT2022TMID31052
Project Name	Emerging Methods for Early Detection of Forest Fires

Milestone and Activity List:

S.No	Milestone	Activities	Team Members
1.	Data Collection	Download the Dataset	S.Jeeva R.Deepak A.Ajithkumar B.Silambarasu
2.	Image Preprocessing	Importing the ImageDataGenerator Library	S.Jeeva R.Deepak A.Ajithkumar
3.	Image Preprocessing	Define the paramaters /Arguments for ImageDateGenerator Class	S.Jeeva A.Ajithkumar B.Silambarasu
4.	Image Preprocessing	Applying ImageData Generator Functionality To Trainset And Testset	S.Jeeva R.Deepak B.Silambarasu
5.	Model Building	Import the required model building libraries	S.Jeeva A.Ajithkumar
6.	Model Building	Initialize the model	S.Jeeva R.Deepak
7.	Model Building	Add the CNN layers	S.Jeeva R.Deepak B.Silambarasu
8.	Model Building	Configuring the learning process	S.Jeeva R.Deepak A.Ajithkumar
9.	Model Building	Training the Model	S.Jeeva A.Ajithkumar B.Silambarasu
10.	Model Building	Save The Model	S.Jeeva R.Deepak B.Silambarasu

11.	Model Building	Predictions	S.Jeeva A.Ajithkumar B.Silambarasu
12.	Model Building	Adding Dense Layer	S.Jeeva A.Ajithkumar
13.	Video Analysis	Open CV For Video Processing	S.Jeeva R.Deepak A.Ajithkumar
14.	Video Analysis	Creating an Account in Twilio Service	S.Jeeva R.Deepak B.Silambarasu
15.	Video Analysis	Sending Alert Message	S.Jeeva R.Deepak A.Ajithkumar
16.	Train CNN Model On IBM	Register For IBM Cloud	S.Jeeva A.Ajithkumar B.Silambarasu
17.	Train CNN Model On IBM	Train Image Classification Model	S.Jeeva R.Deepak A.Ajithkumar
18.	Ideation Phase	Literature Survey On the Selected Project & Information Gathering	S.Jeeva A.Ajithkumar B.Silambarasu
19.	Ideation Phase	Prepare Emapathy Map	S.Jeeva R.Deepak B.Silambarasu
20.	Ideation Phase	Ideation	S.Jeeva R.Deepak B.Silambarasu
21.	Project Design Phase-I	Proposed Solution	S.Jeeva R.Deepak B.Silambarasu

22.	Project Design Phase-I	Problem Solution Fit	S.Jeeva A.Ajithkumar B.Silambarasu
23.	Project Design Phase-I	Solution Architecture	S.Jeeva R.Deepak A.Ajithkumar
24.	Project Design Phase-II	Customer Journey	S.Jeeva R.Deepak B.Silambarasu
25.	Project Design Phase-II	Functional Requirements	S.Jeeva R.Deepak B.Silambarasu
26.	Project Design Phase-II	Data Flow Diagrams	S.Jeeva R.Deepak A.Ajithkumar
27.	Project Design Phase-II	Technology Architecture	S.Jeeva R.Deepak B.Silambarasu
28.	Project Planning Phase	Prepare Milestone & Activity List	S.Jeeva R.Deepak B.Silambarasu
30.	Project Planning Phase	Sprint Delivery Plan	S.Jeeva R.Deepak A.Ajithkumar
31.	Project Development Phase	Project Development Delivery of Sprint-1	S.Jeeva R.Deepak A.Ajithkumar
32.	Project Development Phase	Project Development Delivery of Sprint-2	S.Jeeva A.Ajithkumar B.Silambarasu

33.	Project Development Phase	Project Development Delivery of Sprint-3	S.Jeeva A.Ajithkumar B.Silambarasu
34.	Project Development Phase	Project Development Delivery of Sprint-4	S.Jeeva R.Deepak A.Ajithkumar