

PROJECT FLOW

Date	16 November 2022
Team ID	PNT2022TMID29525
Project Name	Emerging Methods for Early Detection of Forest Fires

TASK	PROCESS
Data collection	
<ul style="list-style-type: none"> Collect the dataset or create the dataset 	Completed
Image pre processing	
<ul style="list-style-type: none"> Import Image data generator library 	Completed
<ul style="list-style-type: none"> Define the parameters /arguments for image data generator class 	Completed
<ul style="list-style-type: none"> Applying image data generator on trainset and test set 	Completed
Model building	
<ul style="list-style-type: none"> Import the model building libraries 	Completed
<ul style="list-style-type: none"> Initializing the model 	Completed
<ul style="list-style-type: none"> Adding CNN layers 	Completed
<ul style="list-style-type: none"> Adding hidden layer 	Completed
<ul style="list-style-type: none"> Adding output layer 	Completed
<ul style="list-style-type: none"> Configure the learning process 	Completed
<ul style="list-style-type: none"> Training and testing the model 	Completed
<ul style="list-style-type: none"> Optimize the model 	Completed
<ul style="list-style-type: none"> Save the model 	Completed
Video streaming and alerting	
<ul style="list-style-type: none"> Open CV for video processing 	Completed
<ul style="list-style-type: none"> Creating an account in twilio service 	Completed
<ul style="list-style-type: none"> Use twilio API to send message 	Completed