

<b>Team ID</b>	<b>PNT2022TMID01211</b>
<b>Project Name</b>	<b>Emerging Methods For Early Detection Of Forest Fires</b>
<b>Team Size : 4</b>	<b>Team Leader : TEJA YANDAPALLI</b> <b>Team member : POOJA YANDAPALLI</b> <b>Team member : YASHIKA.R</b> <b>Team member : YOGALAKSHMI</b>

## ACTIVITY LIST

Activity Number	Activity	Sub Activity	Assigned To	Status
1.	PROJECT OBJECTIVES		All Members	Completed
2.	PROJECT FLOW		All Members	Completed
3.	PRE-REQUISITES		All Members	Completed
4.	DATA COLLECTION	4.1 Download the Dataset	TEJA YANDAPALLI	Completed

5.	IMAGEPREPROCESSING	<p>5.1 Import the ImageDataGenerator Library.</p> <p>5.2 Define the Parameters/Arguments for ImageDataGenerator class.</p> <p>5.3 Applying ImageDataGenerator Functionality to trainset and testset.</p>	TEJA YANDAPALLI	Completed
6.	MODEL BUILDING	<p>6.1 Importing the model building libraries.</p> <p>6.2 Initializing the model.</p> <p>6.3 Adding CNN layers.</p> <p>6.4 Adding dense layers.</p> <p>6.5 Configuring the</p>	TEJA YANDAPALLI	Completed

		learning process. 6.6 Training the model. 6.7 Saving the model. 6.8 Predictions.		
7.	VIDEO ANALYSIS	7.1 OpenCV for video processing. 7.2 Creating an account in Twilio service. 7.3 Sending alert message.	TEJA YANDAPALLI	Completed
8.	TRAIN CNN MODEL ON IBM	8.1 Train image classification model. 8.2 Register for IBM cloud.	TEJA YANDAPALLI	In Progress
9.	IDEATION PHASE	9.1 Literature Review. 9.2 Empathy map. 9.3 Ideation.	All Members	Completed
10.	PROJECT DESIGN PHASE – I	10.1 Proposed Solution. 10.2 Problem solution fit. 10.3 Solution Architecture.	All Members	Completed
11.	PROJECT DESIGN PHASE -II	11.1 Customer journey. 11.2 Functional requirement. 11.3 Data flow Diagrams. 11.4 Technology Architecture.	All Members	Completed
12.	PROJECT PLANNING PHASE	12.1 Prepare milestone and activity list. 12.2 Sprint delivery plan.	All Members	In Progress

13.	PROJECTDEVELOPMENTPHASE	13.1 Project development-Delivery of Sprint-1. 13.2 Project development-Delivery of Sprint-2. 13.3 Project development-Delivery of Sprint-3. 13.4 Project development-Delivery of Sprint-4.	All Members	In Progress
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