

Project design phase - 1

Emerging Methods for Early Detection of Forest Fire

Team ID	PNT2022TMID33183
Project Name	Emerging methods for early detection of forest fires
Maximum mark	4 marks

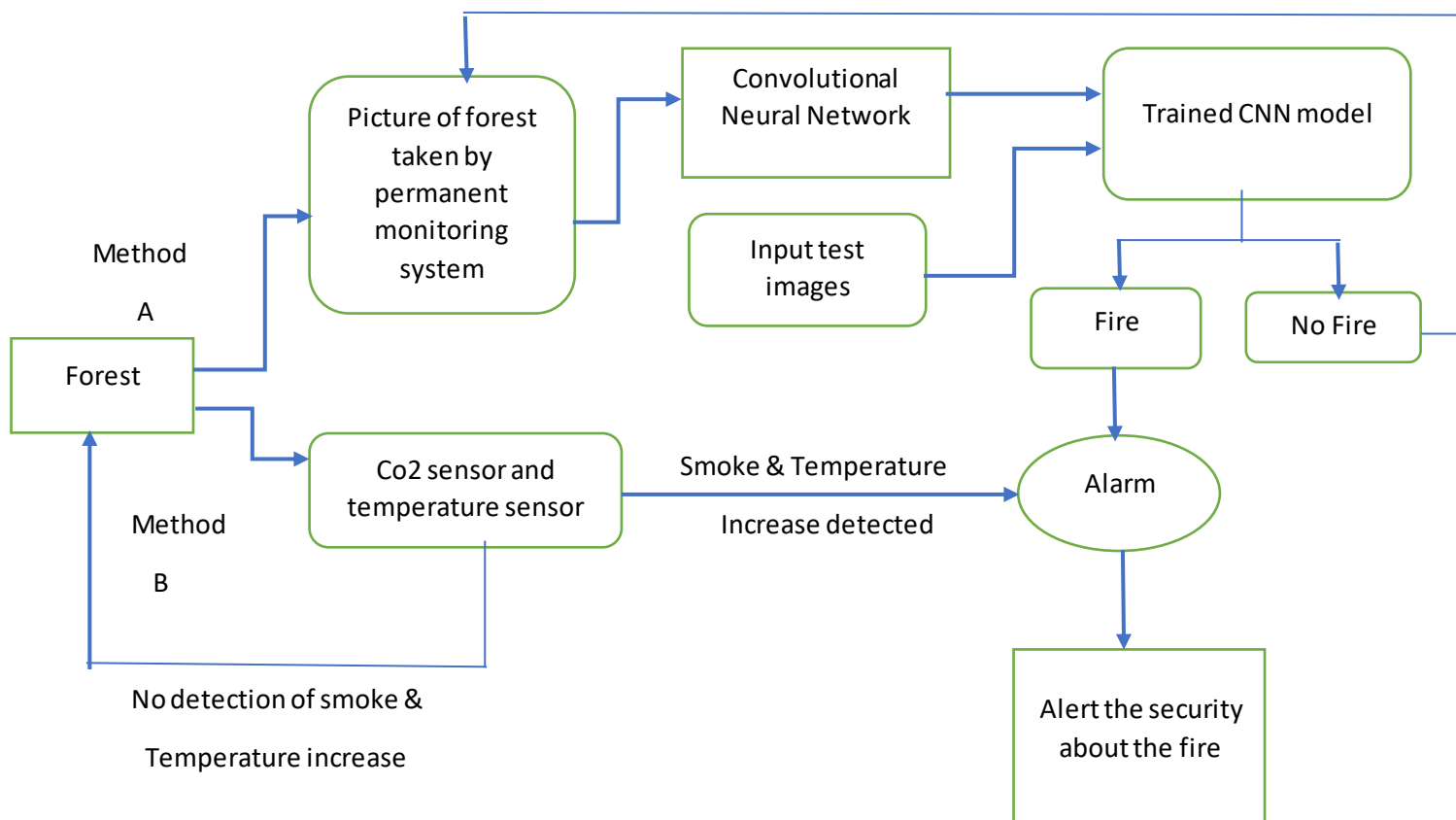
Team leader: CHANDRALEKHA K

Team members: ASLEENA A

ASWINIT

AYESHA HAJERA S

Solution architecture diagram:



- ❖ Method A uses convolution n neural network for the early detection of forest fire.
- ❖ Convolution Neural Network (CNN) is a type of artificial neural network used in image recognition and processing that is significantly designed to process pixel data.
- ❖ If fire is detected then the alarm alerts the security about fire.
- ❖ Method B uses CO2 sensor and temperature sensor to detect the early detection of fire.
- ❖ If smoke contemporary increase is detected then the alarm allowed the security or control center about the fire.