

Project design phase - 1

Emerging Methods for Early Detection of Forest Fires

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

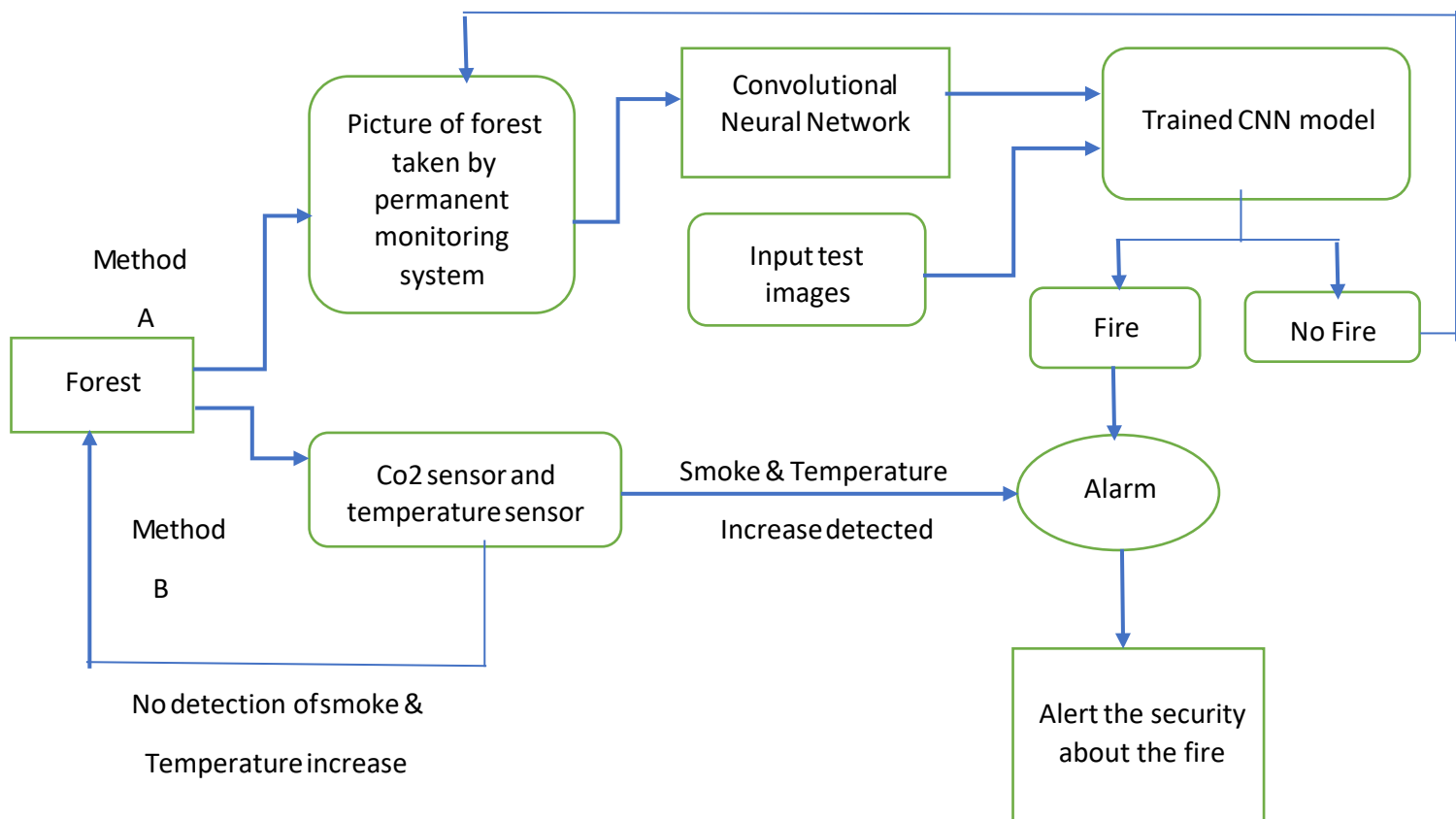
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Solution architecture diagram:



- † Method A uses convolution 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 and temperature increase is detected then the alarm alert the security or control center about the fire.