

**Project Design Phase-II**  
**Solution Requirements (Functional & Nonfunctional)**

Date	16 October 2022
Team ID	<b>PNT2022TMID44068</b>
Project Name	Project - Emerging Methods for early detection of forest fire
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Video surveillance	Start surveillance through remote control
FR-2	Forest monitoring	Continuous Observation through Cameras
FR-3	Detect fire	CNI model detecting the fire and temperature
FR-4	Alert	Alerting the Forest Officials through message

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Reliability</b>	No harm (Model is very safe to install)
NFR-2	<b>Security</b>	Highly secured (Environment is very secured)
NFR-3	<b>Availability</b>	24x7 working (Build model is available all times)
NFR-4	<b>Performance</b>	Providing high degree of accuracy