

Project Design Phase-2
Solution Requirements (Functional & Non-functional)

Date	12 October 2022
Team ID	PNT2022TMID50673
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 Requirements (Story/ Sub-Task)
FR-1	Video surveillance start	Start surveillance through remote control
FR-2	Forest monitoring	Continuous monitoring through camera
FR-3	Detect fire	Fire detected through CNN model
FR-4	Alert	Alert the forest officials through message

Non- Functional Requirements:

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

FR No.	Non-Functional Requirements	Description
NFR-1	Reliability	Model is safe to install
NFR-2	Security	More secure environment
NFR-3	Availability	Build model is available all the time
NFR-4	Performance	Model will achieve high accuracy