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

Date	13 October 2022
Team ID	NT2022TMID49273
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	Start surveillance through video camera and remote control.
FR-2	Forest monitoring	Continuous monitoring through good video camera.
FR-3	Detect fire	Fire is detected through CNN model in the camera (AI).
FR-4	Alert	Alert the forest officials through message or alarm.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Reliability**	Model is safe to install and use.
NFR-2	**Security**	More secure environment and life saver.
NFR-3	**Availability**	Build model is available all the time and active.
NFR-4	**Performance**	Model will achieve high accuracy with good potential