

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

Date	20 October 2022
Team ID	PNT2022TMID14761
Project Name	Emerging Methods for Early Detection of Forest Fires
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	User Registration	Registration through Email or Phone.no
FR-2	User Confirmation	Confirmation via Email or phone.no.Confirmation via OTP
FR-3	Reporting	User receives a SMS if forest fires occurs.
FR-4	Detection of forest fire	Detects forest fire at the earliest.
FR-5	Video Recording	Records the forest footage 24/7.

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	A non technical person can easily use the app
NFR-2	Security	Login to the app provides Security
NFR-3	Reliability	Software updates will be done periodically
NFR-4	Performance	The response from the app will be instant.
NFR-5	Availability	The App will be available at all times except during the server maintenance
NFR-6	Scalability	The Website traffic limit will be 100 users at a time