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

Date	19 October 2022
Team ID	PNT2022TMID42886
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 Gmail
FR-2	User Confirmation	Confirmation via Email 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.

FR 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 spontaneous
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