

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

Date	1 NOVEMBER , 2022
Team ID	31445-1660200428
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	<b>Usability</b>	A non technical person can easily use the app
NFR-2	<b>Security</b>	Login to the app provides Security
NFR-3	<b>Reliability</b>	Software updates will be done periodically
NFR-4	<b>Performance</b>	The response from the app will be spontaneous
NFR-5	<b>Availability</b>	The App will be available at all times except during the server maintenance
NFR-6	<b>Scalability</b>	The Website traffic limit will be 100 users at a time