

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

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Team ID	PNT2022TMID03543
Project Name	Project - 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 Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User login	Login using credentials
FR-4	User Search	Search the occurrence of forest fires
FR-5	User Profile	Data about the forest will be provided to the user
FR-6	User application	Alert will be given to the user before the occurrence of the hazard

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Alerts will provided accordingly
NFR-2	<b>Security</b>	Instant data update about the alert
NFR-3	<b>Reliability</b>	88% of accuracy
NFR-4	<b>Performance</b>	Immediate response time
NFR-5	<b>Availability</b>	alerts for 24/7
NFR-6	<b>Scalability</b>	Detection can be done at quicker rate