

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

Team ID	PNT2022TMID36865
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	Usability	Alerts will be provided accordingly
NFR-2	Security	Instant data update about the alert
NFR-3	Reliability	88% of accuracy
NFR-4	Performance	Immediate response time
NFR-5	Availability	alerts for 24/7
NFR-6	Scalability	Detection can be done at a quicker rate