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

Date	02 November 2022
Team ID	PNT2022TMID29475
Project Name	Project- Emerging Methods for Early Detection Of ForestFires
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	User Login	Login using credentials
FR-4	User Search	Search for Info on forest fire occurrence
FR-5	User Profile	User shall be given a live feed of the forest and alert them with notificatuion message.
FR-6	User Application	User is alerted if there is an forest fire occurrence in their surroundings

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Alerts according to the user location
NFR-2	**Security**	Instant monitoring live feed with alert of the situation
NFR-3	**Reliability**	The prediction of the forest fire is 88% accurate with efficiency
NFR-4	**Performance**	The live feed and the alert message is an immediate action without a time lag
NFR-5	**Availability**	The application gives alerts message and live feed 24/7