Project Design Phase-II

Functional Requirements

Team ID	PNT2022TMID03630
Project Name	Emerging Methods for Early Detection of Forest Fires
TEAM DETAILS	Team Leader : MEKALA BHARGAV Team member : NARIBOYINA PAVAN SAI Team member : MUNJURU BHARADWAJA Team member : N PAVAN

Functional Requirements:

functional requirements of the proposed solution.

S.No	Functional Requirement	Sub Requirement
1.	User Registration	Registration through Twilio services
2.	User Confirmation	Confirmation via Mobile number Confirmation via OTP
3.	User Login	Login using credentials
4.	User Search	Search for Info on forest fire occurrence
5.	User Profile	User shall be given a live feed of the forest
6.	User Application	User is alerted if there is an forest fire occurrence in their surroundings

Non-functional Requirements

non-functional requirements of the proposed solution.

S.No	Non-Functional Requirement	Description
1.	Usability	Alerts according to the user location
2.	Security	Instant live feed with alert of the situation
3.	Reliability	The prediction of the forest fire is 87% accurate
4.	Performance	The feed and the alert message is an immediate action without a lag
5.	Availability	The application gives alerts and live feeds 24/7
6.	Scalability	Early detection and alerting users are done efficiently and in a faster means