**Project Design Phase-II**

**Functional Requirements**

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| S.No | Functional Requirement | Sub Requirement |
| 1. | User Registration | Registration through Twilio services |
| 2. | User Confirmation | Confirmation via Mobile numberConfirmation 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 intheir surroundings |

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| **TEAM ID** | **PNT2022TMID13738** |
| **PROJECT NAME** | **Emerging Methods for Early Detection of Forest Fires** |
| **TEAM DETAILS** | **Team Leader : K.KARTHIKEYAN**  **Team member : M.GUNASEELAN**  **Team member : E.BHAVAN RAMANA**  **Team member : P.HEMANTH KUMAR REDDY**  **Team member : R.ARAVINDH RAJ** |

**Functional Requirements:**

Functional requirements of the proposed solution.

**Non-functional Requirements:**

Non-functional requirements of the proposed solution.

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| 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 actionwithout a lag |
| 5. | Availability | The application gives alerts and live feeds 24/7 |