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

| Date | 15 October 2022 |
|---|---|
| Team ID | PNT2022TMID37801 |
| Project Name | Project - Natural Disaster Intensity Analysis and Classification Using Artificial Intelligence. |
| 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 | Register through mobile application Call the given emergency number |
| FR-2 | User Confirmation | Confirmation via Call back Confirmation via Text |
| FR-3 | User Preparation | Ensure safety of all people Supply of canned food |
| FR-4 | User evacuation | Waiting for evacuation team Take refugee in nearest safe location |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | It is easy and quick method to predict the disasters. |
| NFR-2 | **Security** | The secure pattern shares components with monitor and control for logging and control access and for providing audit trails. |
| NFR-3 | **Reliability** | It should be highly reliable. |
| NFR-4 | **Performance** | It deals with the measure of the system's response time. |
| NFR-5 | **Availability** | It can be available at the any time and we can access during any disasters. |
| NFR-6 | **Scalability** | Disaster damages are measured involves examining the number of fatalities, of injuries, of people affected. |