**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID28517 |
| Project Name | Natural Disaster Intensity Analysis And  Classification Using Artificial Intelligence |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| --- | --- | --- |
| **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 Preparation | Ensure safety of all people Supply of canned food |
| FR-4 | User evacuation | Waiting for evacuation team Take refuge in nearest safe location |

**Non-functional Requirements:**

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

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| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | User friendly and easy to classify the disaster |
| 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** | This is highly reliable because it can undergoes without any fault or access inability |
| NFR-4 | **Performance** | It deals with the measure of the system’s response time. |
| NFR-5 | **Availability** | It can be accessed at any situation of disaster occurrence. |
| NFR-6 | **Scalability** | Disaster damages are measured involves examining the number of fatalities, of injuries, of people affected. |