**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 03 October 2022 |
| Team ID | PNT2022TMID33575 |
| Project Name | Project - Natural Disasters 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 through the related website | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | User profile | Personnel details |
| FR-4 | Information about weather forecest | Through the related application |
| FR-5 | Display the forecast of the place | Such as precipitation,humidity,wind |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | User friendly UI  Friendily to the users |
| NFR-2 | **Security** | There will be original and correct information |
| NFR-3 | **Reliability** | The application must perform without failure |
| NFR-4 | **Performance** | The landing page must support several users |
| NFR-5 | **Availability** | Avaliable at all time |
| NFR-6 | **Scalability** | It must be time saving and cost effective |