***Project Design Phase-II***

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

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| --- | --- |
| Date | **6/11/2022** |
| Team ID | **PNT2022TMID43723** |
| 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.

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| --- | --- | --- |
| **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 forecast | 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.

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| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | User friendly UI  Friendly 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** | Available at all time |
| NFR-6 | **Scalability** | It must be time saving and cost effective |