**Project Design Phase-II**

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

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| Date | 27 October 2022 |
| Team ID | PNT2022TMID51383 |
| 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 | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | Help Desk | User should be able to get guidance from the customer care |
| FR-4 | Management | Administration must collect new datasets and keep the model trained |
| FR-5 | User authentication | Verify the user |

**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** | The system must be efficient and easy for the user to carry out tasks. |
| NFR-2 | **Security** | User details must be secured. |
| NFR-3 | **Reliability** | The output produced should be reliable to the users. |
| NFR-4 | **Performance** | The system should be able to handle many users without performance deterioration. |
| NFR-5 | **Availability** | The system should be accessible to a user at a given point in time |
| NFR-6 | **Scalability** | The website pages should load fast with the total number of simultaneous users. |