Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 13 October 2022 | |
| Team ID | PNT2022TMID30264 |  |
| Project Name | Natural disasters intensity and effect analysis | |
| 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 Requirements** | Awareness of disasters  Guidelines about disaster management  Clear note about the disasters |
| FR-2 | **User Registration** | Manual Registration Registration through Web page Registration through Form  Registration through Gmail |
| FR-3 | **User Confirmation** | Confirmation via Phone  Confirmation via Email Confirmation via OTP |
| FR-4 | **Payment Options** | Cash on Delivery  Debit Card/Credit Card Net Banking , Paytm  Wallet and UPI |
| FR-5 | **Product Delivery and Installation** | Door Step Delivery Take Away  Free installation |
| FR-6 | **Product Feedback** | Through Web Page  Through Phone Calls Through Google Forms |

# 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** | Have a clear and self-explanatory manual. Easier to use |
| NFR-2 | **Security** | Application has to be secured with 2 step authorisation  Passwords and passkeys will be assigned as per the users need. |

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| NFR-3 | **Reliability** | Hardware require a regular checking and service Software may be updated periodically Immediate alert is provided in case of any system  failure. |
| NFR-4 | **Performance** | The application must have a good interface  The system provides acknowledgment in just one second once the 'patient's information is checked. |
| NFR-5 | **Availability** | All the features will be available when the user requires.  It depends on the patient's need and the user's customisation. |
| NFR-6 | **Scalability** | The product has to cover all the space of isolation wards Irrespective of the size or area of a medical field |