**Project Design Phase-II**

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

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| Date | 13 May 2023 |
| Team ID | NM2023TMID18886 |
| Project Name | Cancer Vision |

**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 You tube (Our channel description) |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |

**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** | Artificial intelligence that can detect early signs of the disease years before doctors would find it on a CT scan. |
| NFR-2 | **Security** | Security as the bedrock of AI-based health care, there have been many attempts to employ AI and its applications in health care services. |
| NFR-3 | **Reliability** | AI engine was prospectively applied to the clinical practice in the triage unit where the patients meet the medical staff for the first time. |
| NFR-4 | **Performance** | The highly accurate diagnostic performance, which is comparable to that of an endoscopist. |
| NFR-5 | **Availability** | Promote prevention, improve early detection, manage care, and support survivors and chronic patients. |
| NFR-6 | **Scalability** | On a single-core processor, we obtained nearly linear scaling with an increasing problem size, whereas weak parallel scaling showed moderate growth in solving time relative to increase in problem size. |