**Project Design Phase-II**

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

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID10029 |
| Project Name | Project – AI-based localization and classification of Skin Disease with Erythema. |
| 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 Gmail |
| FR-2 | User Confirmation | Confirmation via Email |
| FR-3 | User Camera | Capture the Skin Disease using a Camera |
| FR-4 | Image to Report | Detects the skin disease and gives the result |
| FR-5 | Conversion of the image to the detected Result | Reports of the Skin disease will be sent in the form of text |

**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** | Can be used with a camera by capturing the Skin |
| NFR-2 | **Security** | Highly secured and protected using the AI models |
| NFR-3 | **Reliability** | It can be used everywhere and every time |
| NFR-4 | **Performance** | High-quality performance and also performs fast to detect the disease |
| NFR-5 | **Availability** | Performs well with the internet connection |
| NFR-6 | **Scalability** | It has good Scalability in using the application |