Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 07 November 2022 |
| Team ID | PNT2022TMID07637 |
| Project Name | Project - AI based localization 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 Form.  Registration through Gmail. |
| FR-2 | User Confirmation | Confirmation via Email. Confirmation via otp. |
| FR-3 | User Profile | Filling the profile page after logging in. |
| FR-4 | Uploading Dataset(Skin) | Images of the skin where allergies are found is to be  uploaded. |
| FR-5 | Requesting Solution | Uploaded images are compared with the pre-defined  images and solution is generated. |
| FR-6 | Downloading Solution | The solution in pdf format which contains the name of  the disease and the recommended medicine is created. |

# 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** | This system allows the user to perform the tasks  easily,efficiently and effectively. |
| NFR-2 | **Security** | Assuring that all data inside the system will be  protected against malware attacks or unauthorized access. |
| NFR-3 | **Reliability** | This system is very reliable and the user can get to  know the skin disease accurately |
| NFR-4 | **Performance** | Response time is fast. |
| NFR-5 | **Availability** | The system will be available 95% of the time. |
| NFR-6 | **Scalability** | The website is scalable. |