

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

| | |
|---------------|--|
| Date | 03 October 2022 |
| Team ID | PNT2022TMID10852 |
| 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.

| 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 Problem | The issues can be known by clicking the picture of affected area in the skin and scanning the picture. |
| FR-4 | Solution by Application | The agent work is to predict the disease and suggest the suitable precautions and medicine. |
| FR-5 | User Feedback | The user have the feedback option to send their pros and cons about the medicine after using it. |
| FR-6 | Default Solution | The most common diseases affected the skin will be visible in home page with suitable solution. |

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|---|
| NFR-1 | Usability | Customers can solve their issues related to the site easily via Email. |
| NFR-2 | Security | It is secured because each user will have specified account and only they can access it. |
| NFR-3 | Reliability | The update process in the website and website does not affect the actual web page and user information. |
| NFR-4 | Performance | The site will be loaded within 7 seconds that access the website using the Wi-Fi. |
| NFR-5 | Availability | Can be available for any time. If any of the page experience the problems must display a notification with timer showing when the system is going to up again. |
| NFR-6 | Scalability | The traffic limit is scalable enough to support many user at a time |