

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

<b>Date</b>	<b>7 November 2022</b>
<b>Team ID</b>	<b>PNT2022TMID22242</b>
<b>Project Name</b>	<b>AI-based localization and classification of skin disease with erythema</b>
<b>Maximum Marks</b>	<b>4 Marks</b>

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

<b>FR No.</b>	<b>Functional Requirement (Epic)</b>	<b>Sub Requirement (Story / Sub-Task)</b>
<b>FR-1</b>	<b>User Registration</b>	<b>Registration through Form,Gmail,LinkedIN</b>
<b>FR-2</b>	<b>User Confirmation</b>	<b>Confirmation via Email,OTP</b>
<b>FR-3</b>	<b>User Profile</b>	User will provide their medical details and save in the system
<b>FR-4</b>	<b>Input</b>	User capture the skin which is affected or upload the taken image as jpeg format
<b>FR-5</b>	<b>Output Analysis</b>	Uploaded images is compared with the pre-defined Model and solution is generated
<b>FR-6</b>	<b>Provides Description</b>	Gives detailed description of type of the skin disease affected

**Non-functional Requirements:**

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

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
<b>NFR-1</b>	<b>Usability</b>	Used to classify skin disease with erythema
<b>NFR-2</b>	<b>Security</b>	It offers greater security and prevents unauthorized users to access the data
<b>NFR-3</b>	<b>Reliability</b>	Even with more users, there will be a good performance without failure
<b>NFR-4</b>	<b>Performance</b>	Performance is very high and it provides result with high accuracy and precision.
<b>NFR-5</b>	<b>Availability</b>	With a good system, all authorised users can access and view the medical reports of patients.
<b>NFR-6</b>	<b>Scalability</b>	Performance will be good even with high user traffic.