

## Ideation Phase

### Define the Problem Statements

Date	30 October 2022
Team ID	PNT2022TMID29580
Project Name	AI based localization and classification of skin disease with erythema
Maximum Marks	2 Marks

#### Customer Problem Statement



#### Doctor Problem Statement



I am

Subiksha, a  
student pursuing  
engineering

I'm trying to

Cure the skin disease on  
my hand which causes  
redness on the skin

But

It causes so much pain and it  
starts to swell up due to  
itching and also rashes and  
inflammation had developed  
recently

Because

Thought it was due to  
sunburn at early stages, but i  
came to understand that it  
can be occurred by allergic  
plants and insects also

Which makes me feel

it make me feel irritable, low,  
feel anger sometimes too  
and am being helpless due to  
covid which make me unable  
to visit a dermatologist

miro

I am

Dermatologist

I'm trying to

Detect skin disease -  
Erythema using AI based  
localization and  
classification

But

The patients suffers from the pain  
where the red spot is spotted which  
is can be rashes, itches,  
inflammations where the accuracy  
of detection can't be 100%

Because

Due to bite of insects and some  
allergic plants and even sunburns.  
The accuracy can't be 100% due to  
occurrence of multiple skin diseases  
have emerged rather than trained

Which makes me feel

Less reliable, incapable,  
incompetent  
and the patients are vulnerable  
to skin diseases when they are  
not treated at right time

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