Project Title: AI-based localization and classification of skin disease With erythema Project Design Phase-I - Solution Fit Template

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Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

People with skin disease especially erythema

6. CUSTOMER CONSTRAINTS CC

No proper diagonsis of the symptoms
People with the change in error value in dataset

5. AVAILABLE SOLUTIONS AS

The images are captured and sent to the trained model, which analyzes and identifies the skin disease.

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS J&P

Detailed information about the dedected skin disease will be addressed to the patient

9. PROBLEM ROOT CAUSE RC

people suffering form skin cancer has been increasing stedily. Therefore skin diseases must be identified and treated at the earliest.

7. BEHAVIOUR BE

people must capture their skin where the disease occurs in order to be treated.

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

3. TRIGGERS TR

Simple and quick way to diagnose.
Our application provides accurate results

4. EMOTIONS: BEFORE / AFTER EM

Feeling anxiety
Not involving in any social activity
less confidence
starts isolating themselves

10. YOUR SOLUTION SL

To overcome the above problem we are building a model which is used for the prevention and early detection of skin cancer, psoriasis. Basically, skin disease diagnosis depends on the different characteristics like colour, shape, texture etc. Here the person can capture the images of skin and then the image will be sent the trained model. The model analyses the image and detect whether the person is having skin disease or not.

8. CHANNELS of BEHAVIOUR CH

8.1 ONLINE

Scanning image taken by customer

Analysis of skin disease

8.2 OFFLINE

Capturing the image of the area where the disease has affected

Identify strong TR & EM