

Define CS, fit into CC	<p>1. CUSTOMER SEGMENT(S) CS</p> <p>Patients with skin disease</p>	<p>6. CUSTOMER CONSTRAINTS CC</p> <p>They have to pay money for installation.</p> <p>They may not get proper solution for their skin disease.</p> <p>They have used some apps that does not predict correctly.</p>	<p>5. AVAILABLE SOLUTIONS AS</p> <p>They ask suggestions from friends, relatives.</p> <p>They try to treat themselves by watching videos related to their skin conditions.</p> <p>They used some apps for checking.</p>	Explore AS, differentiate
Focus on J&P, tap into BE, understand RC	<p>2. JOBS-TO-BE-DONE / PROBLEMS J&P</p> <p>They have to identify the appearance of the disease and give proper answers to the questions.</p>	<p>9. PROBLEM RC</p> <p>They do not know the type and stage of skin disease. Some of the skin disease shows symptoms several months later, causing the disease to develop and grow further.</p> <p>This is due to the lack of medical knowledge among them.</p>	<p>7. BEHAVIOUR BE</p> <p>They use some apps to check their conditions.</p> <p>They examine their skin texture with the normal persons and ask their suggestions to their conditions such as consulting a dermatologist or to take a home remedy.</p>	Focus on J&P, tap into BE, understand RC
	<p>3. TRIGGERS TR</p> <p>They find this while searching their conditions by themselves on the internet.</p>	<p>10. YOUR SOLUTION SL</p> <p>An image processing-based approach is used to diagnose the erythema. In this method digital image of disease affects skin area then use image analysis to identify the type of erythema.</p> <p>The approach works on the inputs of a color image. Then resize the image to</p>	<p>8. CHANNELS of BEHAVIOR CH</p> <p>8.1 ONLINE</p> <p>They install some apps and find solution for their skin conditions</p> <p>8.2 OFFLINE</p> <p>They will consult a dermatologist</p>	

4. EMOTIONS: BEFORE / AFTER



They felt panic because of their skin condition

They get confused while trying to find a solution for their conditions by themselves.

extract features using pre-trained convolutional neural networks. After that it classifies features using Multiclass SVM. Finally, the results are shown to the user, including the type of disease, spread, and severity. This can be implemented as a mobile application.