**Project Title**: **AI-Based localization and classification of skin disease with erythemaProject Design Phase-I** - **Solution Fit Template****Team ID:**PNT2022TMID39478

Skinzy is a health care start-up which aims to provide affordable skincare solution to all.

**AS**

**5. AVAILABLE SOLUTIONS**

It does not aim to replace doctors but provides an additional tool at the disposal of doctors to help them in quick diagnosis of a disease and provide relevant medical prescriptions.

**CC**

**6. CUSTOMER CONSTRAINTS**

**CS**

**1. CUSTOMER SEGMENT(S)**

Skinzy.through its Derma photo app is trying to reach out to people to help them detect skin diseases and connect them to a dermatologist in order to provide them with quick solutions.

**Explore AS, differentiate**

**Define CS, fit into CC**

solution

Skinzy is a health care start-up which aims to provide affordable skincare solutions to all.

**BE**

**7. BEHAVIOUR**

**RC**

**9. PROBLEM ROOT CAUSE**

Some rural hospitals still do not have the facility of dermatologist, compelling the citizens to travel to the nearby city for just diagnosis.

**J&P**

**2. JOBS-TO-BE-DONE / PROBLEMS**

AI-based machine learning and image processing Algorithms have been Skinzy’s top priority.

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

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



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| Identify strong TR & EM | 3. TRIGGERS TR  A database trigger is procedural code that is automatically executed in response to certain events on a particular table or view in a database. The trigger is mostly used for maintaining the intergrity of the information on the database. | **10. YOUR SOLUTION SL**  This disorder resolves without treatment, but symptoms can be treated with corticosteroids, antihistamines ,and anesthetics applied to the skin.If people have frequent attacks and the doctor thinks herpes simplex virus is the cause, an antiviral drug may help prevent recurrences. | 1. **CHANNELS of BEHAVIOUR CH**   **ONLINE**  AI is the fast emerging in the field of dermatology.It can revolutionize patient care,particularly in improving the sensitivity and accuracy of screening of skin lesions including malignancies.  **OFFLINE**  AI gathers and processes data input by customers. This information could be their recent purchases, product pages they browsed recently or frequently on the brand’s website, their skin concerns and skin type, the type of makeup they use, and even the hair products they prefer. |  |
| 4. EMOTIONS: BEFORE / AFTER EM  **Before**  Negative emotions, skin disorders, depression, anxiety, anger, disgust  **After**  Is initially managed by identifying and treating and underlying condition, along with the skin lesions. Treatments for erythema nodosum include anti-inflammatory drugs, and cortisone by mouth or injection. |