

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

Define CS, fit into CS	1. CUSTOMER SEGMENT(S) CS <ul style="list-style-type: none"> ❖ The people with all the age groups can use this application this is mainly designed for people who were suffering from skin diseases. ❖ It may be a born child or old aged people who were suffering from skin disease. 	6. CUSTOMER CONSTRAINTS CC <p>It is hard for people to wait for so long to reach the hospital and get the doctor consulting they may feel afraid and cannot wait so long to get results.</p>	5. AVAILABLE SOLUTIONS AS <p>The user can just capture their skin disease and the AI trained to detect what kind of skin disease it is and the quick result will be provided.</p>	Explore AS, information
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS J&P <p>Person who has skin infection have to maintain distance from the other persons. To get the perfect medical treatment they should have to know whether it is a normal skin infection or some kind of serious disease to know this quickly this application will be helpful.</p>	9. PROBLEM ROOT CAUSE RC <p>This can be very effective if all the users knows to use the application, but if a person is not educated to operate the device to detect their skin disease will be a problem to utilize this solution. Thus, all users should be aware or be guided to use the applications.</p>	7. BEHAVIOUR BE <p>The user can interact with the application to report for the cause of failure. They can raise a complaint or request for emergency situations.</p>	Focus on J&P, tap into BE, understand RC
Identify strong TR & EM	3. TRIGGERS TR <p>An helpful application for people who was unable wait for doctor appointment and for people don't have enough money to get test in hospital</p> <hr/> 4. EMOTIONS: BEFORE / AFTER EM <p>BEFORE: Peoples wait for the doctor appointment to consult the doctor about their skin disease and another few hours of waiting to get their results.</p>	10. YOUR SOLUTION SL <p>The solution is to use an AI based application system that detects the skin disease which is then recognized and convert them into test report. The AI model is trained to detect the human skin with the help of camera and then processess with the datas fed in the system.</p>	8. CHANNELS of BEHAVIOUR CH <p>8.1 ONLINE Some users are not aware to use the application and it's process to detect skin disease is fast</p> <hr/> <p>8.2 OFFLINE People have to wait for the doctors and also have to wait for the report about their skin it is a slow process</p>	Extract online & offline CH of BE