

PROJECT DESIGN PHASE - I

AI BASED LOCALISATION OF SKIN DISEASE WITH ERYTHEMA

PROBLEM SOLUTION FIT

PROBLEM STATEMENT :

People nowadays are suffering from skin diseases, with over 125 million people suffering from psoriasis, and the rate of skin cancer has been rapidly increasing over the last few decades, with Melanoma being the most diverse skin cancer. If skin diseases are not treated at an early stage, they can cause complications in the body, including the spread of infection from one person to the next. Skin diseases can be avoided if the infected area is investigated early on. Because the characteristics of skin images vary, developing an efficient and robust algorithm for automatic detection of skin disease and severity is a difficult task. Skin tone and color are important indicators of skin disease.

SOLUTION :

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 color, shape, texture etc. Here the person can capture the images of skin and then the image will be sent to the trained model. The model analyzes the image and detects whether the person is having skin disease or not.

PROBLEM SOLUTION FIT

PROBLEM

People suffering from skin cancer rate is rapidly increasing . If skin diseases are not treated at an earlier stage, then it may lead to complications in body including spreading of the infection may lead

People need to capture their skin which is need to be analyzed for skin disease to get the results

Scanning and detecting whether the person is having skin disease or not

Capturing of skin images

SOLUTION

We are developing a model for the prevention and early detection of skin cancer

