PROBLEM STATEMENT

To build a model that identify and manage patients who have the skin disease like Erythema which is an abnormal redness of skin or micous membranes.It's used for the prevention and early detection of skin cancer, psoriasis. The diagnosis depends on the different characteristics like color,shape,texture,etc,.

Who does the problem affect?	Skin cancer rates are higher in women than in men before age 50, but are higher in men after age 50, which may be related to differences in recreation and work-related UV exposure. Skin cancer is more common in fair skinned people because they have less of the protective pigment called melanin.
What are the Treatments of the problem?	Nearly all skin cancers can be cured if found and treated early. Treatments include excision, cryotherapy, Mohs surgery, chemotherapy and radiation.
How to prevent the issue ?	The skin diseases can be prevented by investigating the infected region at an early stage. The characteristic of the skin images is diversified so that it is a challenging job to devise an efficient and robust algorithm for automatic detection of skin disease and its severity.
When does the issue occurs?	Skin cancer occurs when errors (mutations) occur in the DNA of skin cells. The mutations cause the cells to grow out of control and form a mass of cancer cells.

Precaution steps for the issue	- Stay in the shade. - Wear clothing that covers your arms and legs. - Wear a hat with a wide brim to shade your face, head, ears, and neck. - Wear sunglasses that wrap around and block both UVA and UVB rays. - Use a broad spectrum sunscreen with a sun protection factor (SPF) of 15 or higher.
Why is it important that we fix the problem?	However, left untreated, BCCs can grow deeper into the skin and damage surrounding skin, tissue, and bone. Occasionally, a BCC can become aggressive, spreading to other parts of the body and even becoming life threatening. So it's important to cure the disease.