TEAM RDK

RASH RECOGNITION

Rashes are a common condition that occurs with many human beings. A rash is an irritation or swollen part of the body. They are usually very itchy and painful, and their appearance may have variances due to different skin tones.

Different rashes have different causes and thus, are each treated differently. Looking at the high occurrence rate of different rashes, we have decided to develop a Rash Recognition app. This app will enable people to identify the exact type of rash they are suffering from and provide valuable information about that type of rash.

The app will display details such as causes, treatment, prevention and symptoms. The user can simply direct their phone camera towards a picture of their skin rash, the app then recognises and brings out information pertaining to that condition.

We have provided six sample images of rashes namely Measles, Chicken pox, Scabies, Ring worms, Psoriasis and Shingles.

Steps to run app

1. Open the provided sparkAR file in sparkAR studio
2. Open spark AR on your mobile phone
3. Connect USB cable from your laptop to your phone
4. Send app to your mobile phone
5. Focus on any of the sample images with your sparkAR camera
6. Information about the particular rash you scanned will pop up.