

ABSTRACT

Basal Cell Carcinoma (BCC) is a deadly skin cancer and is one of the most suffered diseases. This disease generally occurs in areas of the skin that are often exposed to sunlight such as the face and neck. For that it takes the right step in handling it.

The purpose of designing an application is to detect skin cancer Basal Cell Carcinoma on Android-based devices. In this final project, the author discuss ways to overcome this problem by using extraction feature of the ABCD Feature that begins with the image retrieval process after the image is used feature extraction of ABCD Feature and using K-Nearest Neighbor as classification. The results of this study are beneficial for the community, which can be used by the community and can find out whether BCC disease is detected or not. From the results of the tests that have been done, the results of the accuracy of this application for the accuracy feature extraction are 91%.

Keyword : BCC, ABCD Feature, KNN