IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 6, May 2022

A Survey on "Image Based Food Classification & Volume Estimation for Dietary Assessment"

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Abstract: The manual work is that people have to get knowledge or in-formation from different kind of sources regarding food from books, people, etc. But it is very difficult to find out information regarding various foods their macros, nutrients and recipes. So from this Food Classification System project we are giving ultimate solution for all of them that is we are making application where each and every user can give input as image of food. And out system will show the macros, nutrients and the recipe of the food. This application has username and password. For security purpose. And our application contains about all the food items irrespective of the region or country. So our application is open for anyone irrespective of country and region. To resolve the issues of the previous things we are not providing any restriction for the user to access the application.

Keywords: CNN, Preprocessing, Feature Extraction

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DOI: 10.48175/IJARSCT-4230