Food Classification using Raspberry PI

Prof R.U Shekokar, Aditya Kalhane, Virendra Kamble, Anmol Nagrare
Department of Electronics & Telecommunications
Sinhgad College of Engineering, Pune, India

Abstract: *The manually work is these people have to get knowledge or in- formation from different kind of sources like books, people, etc.. But these is exceptionally troublesome to discover out answers for inquiries of approximately their issues So from this food Recipe Management 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 recipe of the food. These applications have username and password. For security purpose. and our application is contain about all the food items with irrespect of the region or country. so, our application is open for any one with irrespect of country and region. To resolve the issues of the previous things we are not providing any restriction for the user to see application*

Keywords: CNN, Raspbery Pi, Segmentation, Feature Extraction, Deep Learning

REFERENCES

[1]. .Food Category Representatives: Extracting Categories from Meal Names in Food Recordings and Recipe Data Sosuke Amano, Kiyoharu Aizawa. The 2015 IEEE International Conference on Big Data for Multimedia Simultaneous Estimation of Food Categories and Calories with Multi-task CNN Takumi Ege and Keiji Yanai2017 Fifteenth IAPR International Con- ference on Machine Vision Applications (MVA) Nagoya University, Nagoya, Japan, May 8-12, 2017