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Lab Assignment -6

Objective:

- 1 To write a spark program for object detection problem.
- 2 To write an android application for image classification using spark API
- 3 To write an android application for object detection using clarifai API

Technologies Used:

Android Studio, IntelliJ, Android, Scala, Java, Git

Description:

Here I created my own data sets for each task. My data set for object detection contains 3 categories. By using client server program I connected Android UI to Spark API.

Outputs of Task1:



Fig 1



Fig 2

Outputs of Task2:

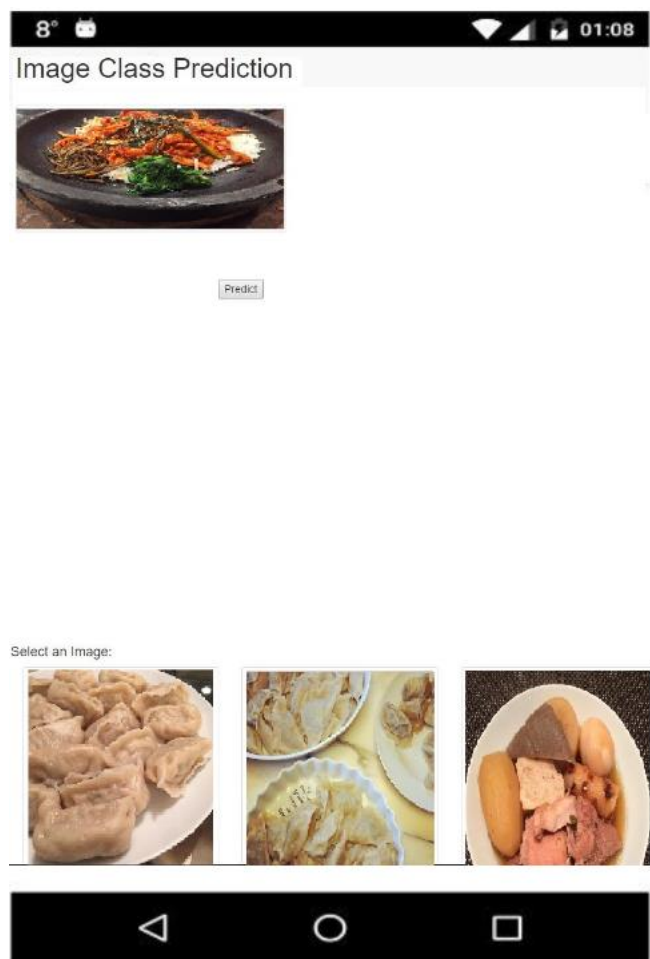


Fig 3

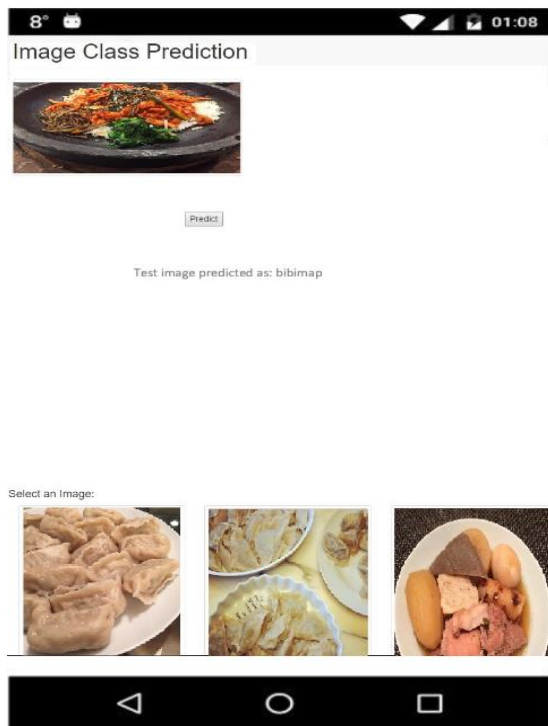


Fig 4

Output of Task3:



References:

- Tutorial 3 Soucre code
- Tutorial 5 Source Code
- Tutorial 6 Source Code