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Object Recognition And Transforming Image In Textual Context In Android Using Image Processing

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Abstract: *An image identifying device includes: a setting unit which sets a section having at least one image in a video; a first recognizing unit which calculates a plurality of feature amounts related to at least the one image and which acquires a plurality of identification results corresponding to each of the feature amounts from an identifier which may identify a plurality of objects belonging to a first category; a selecting unit which selects, based on the identification results, a second category of a third category and a second recognizing unit which calculates another feature amount related to an image included in another section and acquires another identification result corresponding to the feature amount from another identifier which may identify the objects included in the second category.*

Keywords*: Android studio, Android OS, SDK, JDK.*

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I. INTRODUCTİON

The Image is defined by a function called Two-Dimensional image. It can be specified by spatial coordinates as plane coordinates and its pair coordination are amplitude, which may represented as f(x ,y).The intensity of those coordinates were x and y of gray level images. When the spatial coordinates and the intensity values are finite with discrete quantities then it is called as Digital image processing. The digitized images can be easy to analyse and manipulate in order to improve the quality with the use of some mathematical calculations. Here the image is given as an input, parameters of an image as processed through algorithms and characteristics related to the images as an output. Digital Image Processing (DIP) is the process of digital images through various algorithms. This digital image processing has been employed in number of areas such as pattern recognition, remote sensing, image-sharpening, color and video processing and medical. This paper has been organized as follows, literature part explains various review of authors and discusses about the various applications in Digital Image Processing (DIP). Latest image processing tools and its techniques has discussed in last part.

II. METHODOLOGY

We are going to implement a system for the Recognition image using Android Application . Our system is mainly divided into three units namely:

1. Software Units
2. Mobile Application

Software Units:

An image recognition software is a computer program that can identify objects, people, places, writing, and actions in images or video. The technology is used in many applications and is the creation of a neural network that processes all the pixels that make up an image. These networks are fed with large amounts of images of objects, already identified, so that the network can learn and recognize similar objects.

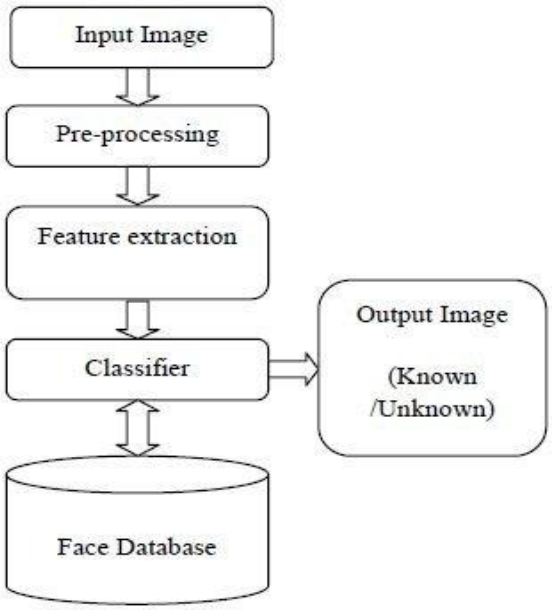

Fig: Block diagram of Software Units

Mobile Application:
The steps for use the mobile application.
Step 1: - User enter in the Application
Step 2: - Selection for the image
Step 3: - Click go button
Step 4: - Procedure
Step 5: - Conformation

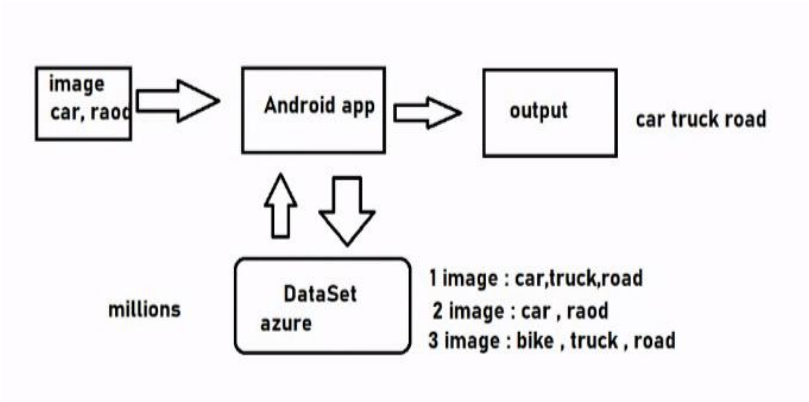

Fig: Block diagram of application

III. WORKİNG

We are enter a image in android app then image tro process to data set azure for checking the many imagses and the they send the image in android application then get a outputfor us. With the desciption, metadata, cofidances etc.

IV. CONCLUSİON

Many applications such as face detection, pattern recognition is based on the technique object recognitionθ Any information can be retrieved from the system with accurate results..

REFERENCE

[1]. Zijiang Zhu, Hang Chen, Yi Hu and Junshan Li (2018), Age estimation algorithm of facial images based on multi-label sorting, EURASIP Journal on Image and Video Processing,114.
[2]. A Erhardt Ferron (2000), Theory and application of digital image processing, University of applied sciences. Offenburg.s
[3]. https://www.researchgate.net/publication/271445580_Recognition_of_Grocery_Products_in_Images_captured_by_Cellular_Phones
[4]. https://www.slideshare.net/saniacorreya/object-recognition-57543686
[5]. https://www.researchgate.net/publication/337464355_OBJECT_DETECTION_AND_IDENTIFICATION_A_Project_Report

[6]. https://www.researchgate.net/publication/327894986_Image_Processing_Using_Augmented_Reality_on_the_Phone_Using_android_as_the_platform
[7]. https://www.mdpi.com/2076-3417/10/9/3280/htm