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Removal of Duplicate Image on Same Storage

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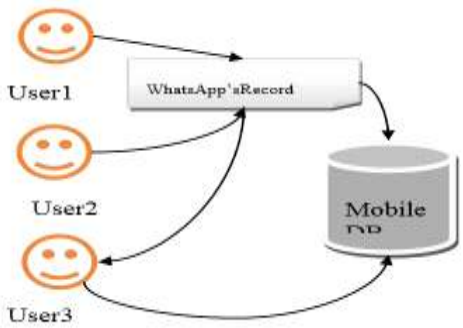
Abstract : *An extreme transaction of what' s App' s which is more duplicate or replicate files. Where whole documents may be served in different formats like JPG, JPEG, PNG. That Files may get copied to avoid delays/data consumption to provide fault acceptance. Large databases of what' s App' s files store in the declassification effort with receiving folders. Copies of the files are abundant in images in the databases. In our examination on On-line Social Networks (WhatsApp' s) of images, more than 60% of total data are exact duplicate. Due to forwarding by friends with linked each other. In this algorithms for detecting replicated files before store in local database by checking with updated hash index which are more critical in WhatsApp' s applications where data is received from many friends links sources or groups. The deduction of duplication files are very necessary, to reduce data consumption in runtime, to improve data storing capacity with higher accuracy.*

Keywords: *Detecting Duplicate, Copying Database Storing, Data Consumption, what' s app.*

I. Introduction

The duplicate image deletion file system provies conveniance to the today's mobile users. It overcomes the disadvantage of having multiple photos in our mobile system.with the help of this software one can delete duplicate images in their phone and can safely clear the data this is being wasted .

This software helps one to detect the duplicate images in their mobile and delete those picture very fast and in a very convinient way.This software can be very useful for todays generation as most of the data is being shared on mobile and among those data most of the data that is shared is images.



We have seen that today the use of socical media is very high as compared to early 20's and now the data is very cheap so it is very convinient for user to share as much as data they have to share.So now a days specially during festival season many users share many images so during this most of the images shared are same images but are being sent by a different user.

Thus this duplicate image deletion software helps us to get rid of those duplicate images by deleting them very fast and helps a user to delete their memory space and make use of that space in a proper manner.

II. Flowchart

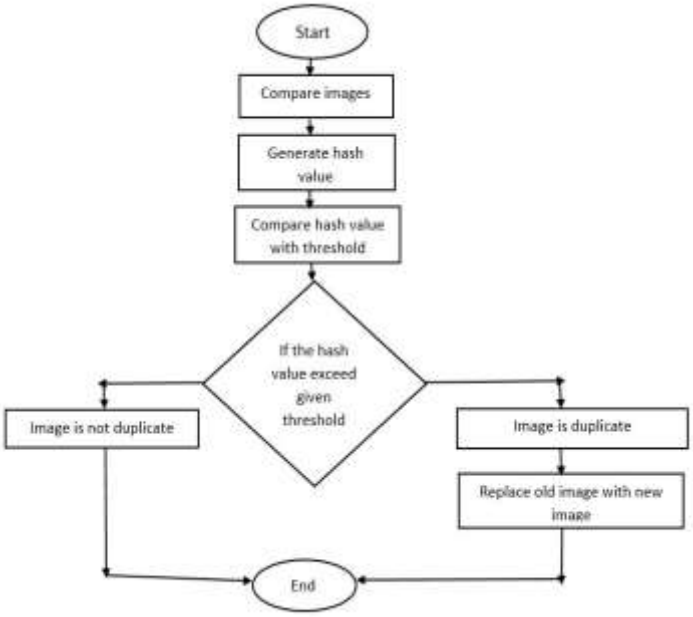


Figure:2.1 data flow diagram

III. Implementation

- Our project (duplicate image deletion) is based on platform android. This online application enables the user to delete the duplicate images.
- The application is basically designed to for users and will be available on all the android devices. What this application does is it detects the duplicate image and delete an delete the image so it is very fast for user to free their space and due to which one can save a loads of time.
- Duplicate image deletion is different from other duplicate photo finders because it compares photos just like a human would. It looks for similarities in different images and easily finds duplicates as well as photos of the same subject, resized pictures, and edited images. Duplicate Photo Cleaner supports all popular image formats including JPG, PNG, TIFF, GIF, RAW and many more
- Duplicate image detection is needed for reducing the storage space, providing user with unique image and for copyrights. In traditional duplicate image detection system, initially the images are converted into a particular image representation and then it is stored in image indexing structure. When a query image is received by the system, it calculates the similarities of the images in the indexing structure by assigning score to each image based on the received query image. Then the Near-Duplicate images are found by applying threshold value to the similarity values of the image.

Figure3.1

- The above screen shows the cover page of our application for deletion of duplicate photos .
- Its attractive user interface allows user to delete duplicate photos very easily.
- User has to just enter the find key and the application itself will delete the images.
-

Figure :3.2

- The above image shows the user interface of our application.
- Start new scan is used to scan the photos.
- Restored function is used to restore the previous session.

Figure3.3

- The above image shows the process of scanning images.

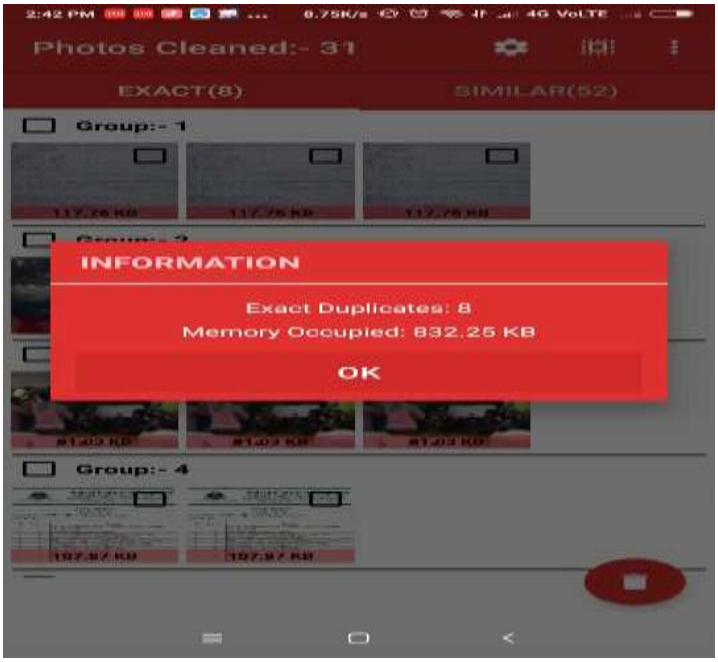


Figure3.4

- The above image shows the process of Information.

Figure 3.5

- The above image shows the similar images that are found

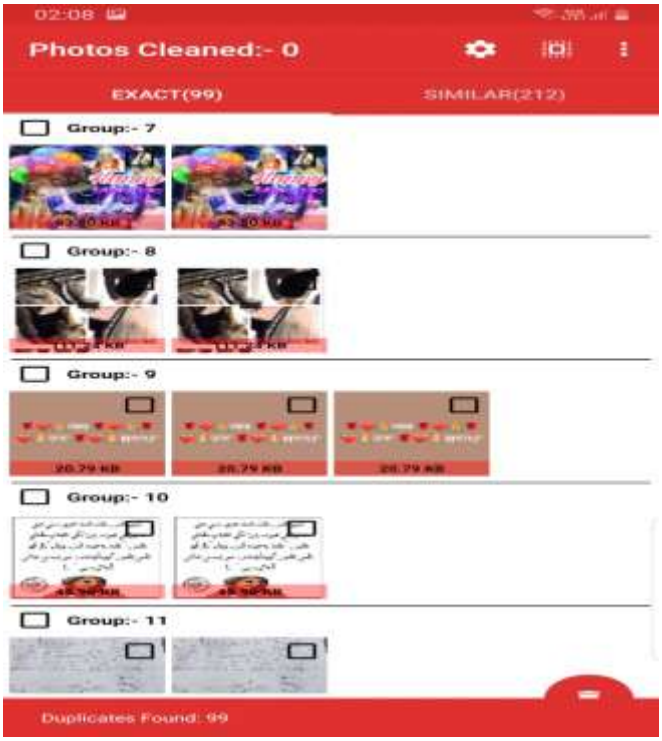


Figure 3.6

- The above image shows the duplicate images that are found and will be deleted.

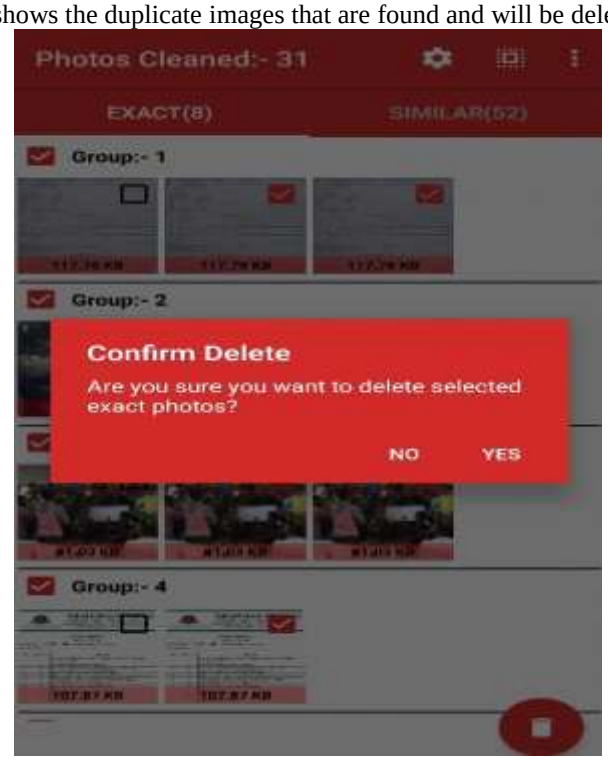


Figure 3.7

IV Conclusion

In this paper ,The conclusion of this is to provide an Application which can help what's app user to easily delete multiple images that can save their time and memory.

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