# WhatsApp Redundancy

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**Abstract -** *What's App is most popularly used Android app now a days for sharing the text, images, videos, audios, documents. It uses the internet services for shearing of these types of data to the users or groups. We can send unlimited messages throughout the country or world for free to any number. People sends the messages for appreciating, for giving best wishes in the group chats so many same messages are arrived. At that time so many people from the group are just scrolled the messages and the some important messages are also scrolled up. In these redundant messages some Important messages are get skipped. And reading each message it takes a time.*

*So for reducing the individual's works we are trying to develop this android app to save the time of people. And the people get the unique messages so the less possibility of avoiding the important messages.*

*Key Words***: Android, What'sApp, Database Languages and well knowledge of all;**

## 1.  INTRODUCTION

In this Era of social media time is an important aspect for each and every person. Due to which it is practically not possible for an individual to read every message. Every day people may get the number of redundant messages on their what'sapp messenger in this bunch of redundant messages some important messages are gets skipped. And it is hectic job to find important messages from the bulk of the redundant messages like wishing messages

For e.g:- Happy birthday, Congratulations, Get well soon.

For reducing the individual's works we thought to develop this app to save the time of people.

This application is to be develop using the modern technologies to overcome the problem of redundant messages comes in the What's app. The messages which are redundant are shown in one section and which are unique are shown in another section. It saves the time of people by providing the different two sections for redundant messages and unique messages with count. And the user will exactly get the different messages so that there must be less probability of avoiding important messages.

Whenever the redundant messages are come towards the user the count of the Messages are shown separately on the mobile screen. Also, the user can see the messages on the mobile.

## 2.  RESEARCH BACKGROUND

What's App Duplicate Media Remover (WDMR) is one the Application which is used to remove all duplicate files including music, mp3, images and videos present in What's App messenger. In WDMR we can discard duplicate content by just check mark on any media. Which is helpful to save the space. We can schedule this application as per our choice on daily basis or weekly basis.
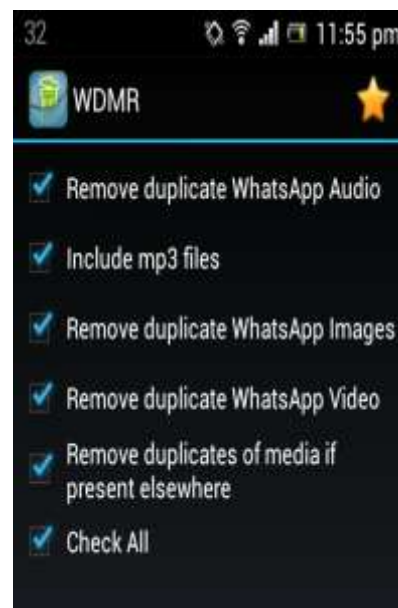


**Figure: What's App Duplicate Media Remover**

## 3.  LITERATURE SURVEY

### Current System:

As we all know What's App is the one of the famous application. It is an ad free mobile messaging app that allows users to exchange text and media messages through their Internet data plan or through Wi-Fi. What's App is cross-platform run on android, windows, IOS, blackberry. It provides the different facilities like personal chat, group chat, making audio and video call, uploading the

status, sending the location. We can send unlimited messages though out the world to any number without any international charges.

### Limitations:

- Required the internet connection.
- Shows the redundant message in group chat.
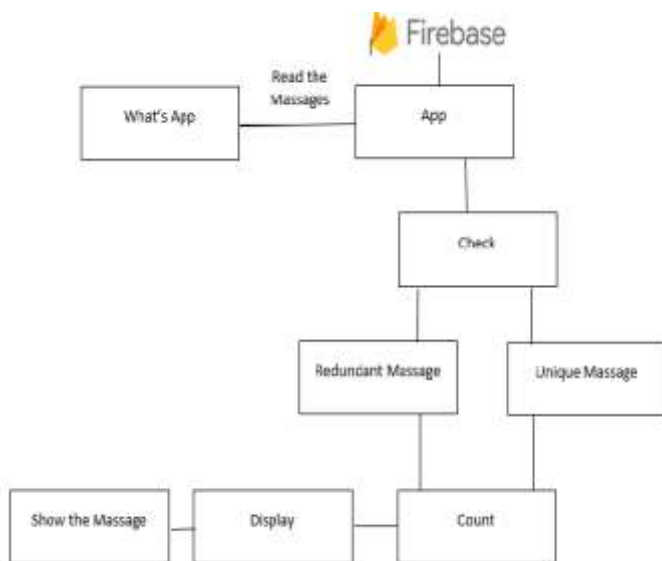
## 4. PROPOSE SYSTEM DESIGN



**Figure: System Architecture**

System Architecture gives us the overall description about the how Application is working. Basically this application is to be developed for the What's App messenger. In this application we access the Messages from the What's App messenger and compare these message with the some common messages like happy birthday, congratulation etc. if these message are match then it is considered as redundant message and stored into the redundant section otherwise it is stored as unique message in unique section with its count user can easily read the message as per their choice over mobile screen. We are using the Firebase Database for storing the data. Which is the one of the Real Time Database.

### 4.1 Mathematical Model
#### Appendix A:
Mathematical model is a description of system using mathematical concepts and language. The process of Mathematical model developing is termed as Mathematical modeling.

$S = I, P, O$

Where,
S = System
I = Input
O = output
P = Process
$S = I, P1, P2, P3, P4, P5, O1, O2, O3, O4$
Where,
I = All type of messages
P1 = Read the messages from what's app
P2 = Check the messages
P3 = divide them in different sections
P4 = count messages as per section
P5 = display section wise output
O1 = Redundant messages
O2 = Unique messages
O3 = Count of Redundant messages
O4 = Count of Unique messages

### 4.2 Feasibility Study

A key part of the preliminary investigation that reviews anticipated costs and benefits and recommends a course of action based on operational, technical, economic, and time factors. The purpose of the study is to determine if the systems request should proceed further.

#### Technical Feasibility:
The system being developed is economic. It is cost effective in the sense that it has eliminated the registered work completely. The system is also time effective because the calculations are automated which are made at the end of the paper or as per the student requirement. The result obtained contains fewer errors and are highly accurate as the data is required.

#### Economic feasibility:
The technical requirement for the system is economic and it does not use any other additional Hardware and software.

#### Behavioral Feasibility:
The system working is quite easy to use and learn due to its simple but attractive interface. User requires no special training for operating the system.

#### Feasibility Assessment:
A key part of the preliminary investigation that reviews anticipated costs and benefits and recommends a course of action based on operational, technical, economic, and time factors. The purpose of the study is to determine if the systems request should proceed further.

## 4.3 FLOWCHART
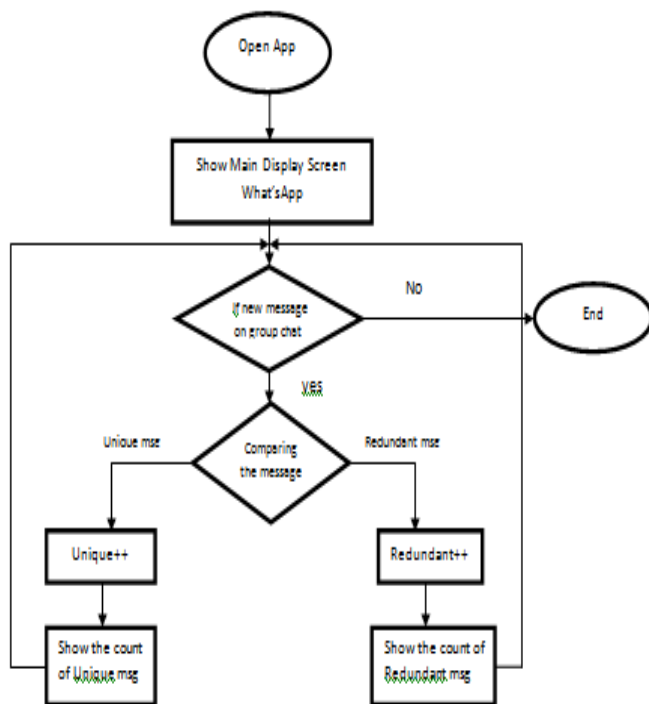


### 4.4 ADVANTAGES

- Saves the time of user by sorting messages so user directly jumps on important message.
- Gives the count of messages.
- Gives the clear idea of important messages.
- Due to section no messages get missed so it is reliable to use.

## 4.5 LIMITATIONS:

- Wi-Fi / Internet connection should be always Available.

- If checking goes wrong it may leads to ignorance of important messages.

- If the messages getting received in the huge amount then it may slow down the speed of application.

## 4.6 Application:

- Also used for other messaging Application.

## Acknowledgment

## 5. CONCLUSION

About 60% from the 100% time people use for What's App is wasted on skipping redundant messages. Due that so much of people get irritated for this we have implemented the application. This will check the messages. Create section and show the messages in sorted format. So that the redundant messages will have different section and unique will have another .Due to which user can get clear idea and save their time properly.

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