

ANDROID TO IOS MEDIA SHARING APPLICATION

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ABSTRACT

We can share files from one device to another using the Android file sharing software. We needed a compatible device for easy access, which meant linking completely without any barriers that could halt the exchange of files or records. We would prefer an app with features such as simple configuration ,fast file transfer, multiple sharing, and file protection. We must think of more than just file sharing. When suspects use these applications for illicit purposes, however, investigators face a significant challenge in locating digital information through various networks. Currently, the majority of file sharing applications are restricted to a single platform

I. INTRODUCTION

A programme that helps users to send and retrieve files is known as file sharing software. Users can exchange a range of file formats, such as text messages, images, and videos, as well as share storage space, using file sharing software applications. It's common for importing and changing media file. File transfer technology allows us to exchange information with others in a convenient way. In addition to peer-to-peer (P2P) methods such as Bluetooth and near-field communication (NFC), we can use a mobile device's Wi-Fi hotspot and Wi-Fi Direct functions to exchange files with others. Wi-Fi technology allows you to share data or transfer files between mobile phones and desktop computers in two ways. Cross-platform communication, communication without an Internet connection, ease of use, and concealment are the first few key features. They enable users to transfer files between Android phones, iPhones, and PCs while avoiding the use of mobile network traffic data.

II. OBJECTIVES

One of the most talked-about following battles in mobile gadget platforms is that between Google Android and Apple IOS. This study is based on research conducted among smart phone users who use IOS devices and Android users. Both Apple's iOS and Google's Android are excellent smartphone platforms. They also have a lot of space for development and diverse perspectives on what people care about. It's feasible to condense everything into a single sentence. In four words, Apple vs. Everyone Else is the engine of progress in the tech industry. That's been true for a quarter-century in the personal-computer world, where the Mac is the only Apple product and the rest are Windows PC producers..

III. METHODOLOGY

Essentially, our plan is to construct a single application. The page with the menu This app will be used to transfer files, images, and movies between two different platforms. Flutter, Kotlin, Android Studio, and Xamarin were used to construct this application. We chose to design a cross-platform application that meet all of the shearing's requirements, including file, image, video, and document storage. When a user connects to this application's network, they will be able to see everything that this application has to offer.

In addition, the user can share photos in higher resolution. Users can also share files with customers to supply them with information like mortgage documents.

Look for the Apps & Data screen while setting up your new iOS device. Then select Android > Move Data. (If you've previously completed the setup, You must restart your iOS device after wiping it clean. If you don't want to erase your data, manually transfer it.)

Proper Working Method

1.Open the Move to iOS app from the iPhone's Apps & Data screen.

2. Open the Move to iOS app on your Android device and tap Continue. Take a look at the terms and conditions that pop up. To proceed, press Agree, then Next in the Find Your Code screen's top-right corner.

3. Wait for a code

4. Tap Continue on the screen that says "Move from Android" on your iOS device. Then watch for a six-digit code to display on the screen. You may also connect your phones using QR codes. '

5. Then, from the Android screen, go to the iPhone screen that shows the code - - Make use of the code

6. On your Android device, enter the code. Then, when the Transfer Data page appears, wait.

7. Select the content you wish to transfer from your Android device and tap Transfer and Next should be tapped. Then, even if your Android says the operation is finished, keep both devices turned off until the loading bar on your iOS device disappears. Depending on how much data you're transferring, the entire process may take some time.

8. Set up your iPhone or iPad

9. When the loading bar on your iOS device has finished, press Done on your Android device. Then, on your iOS device, hit Continue. In addition to finalise the setup on your iOS device, follow the onscreen instructions.

Images Of Application

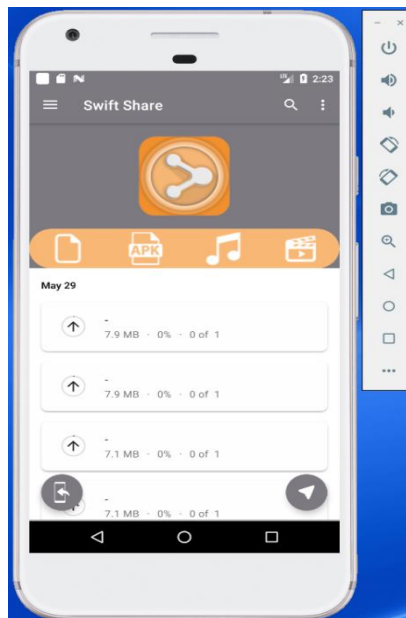


Fig.1

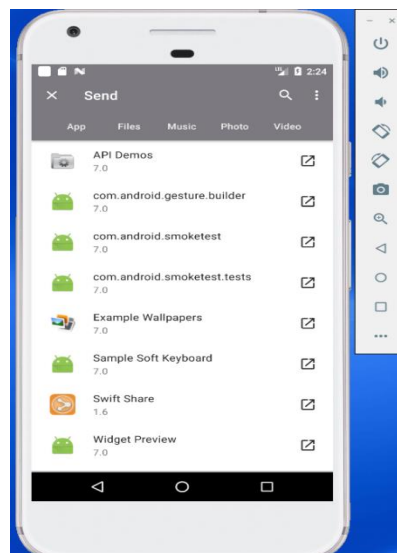


Fig.2

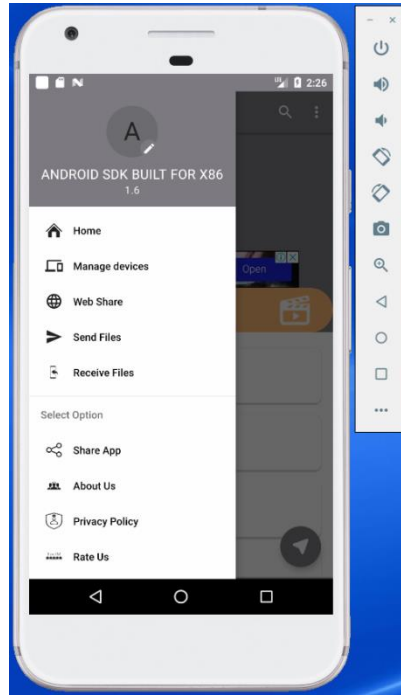
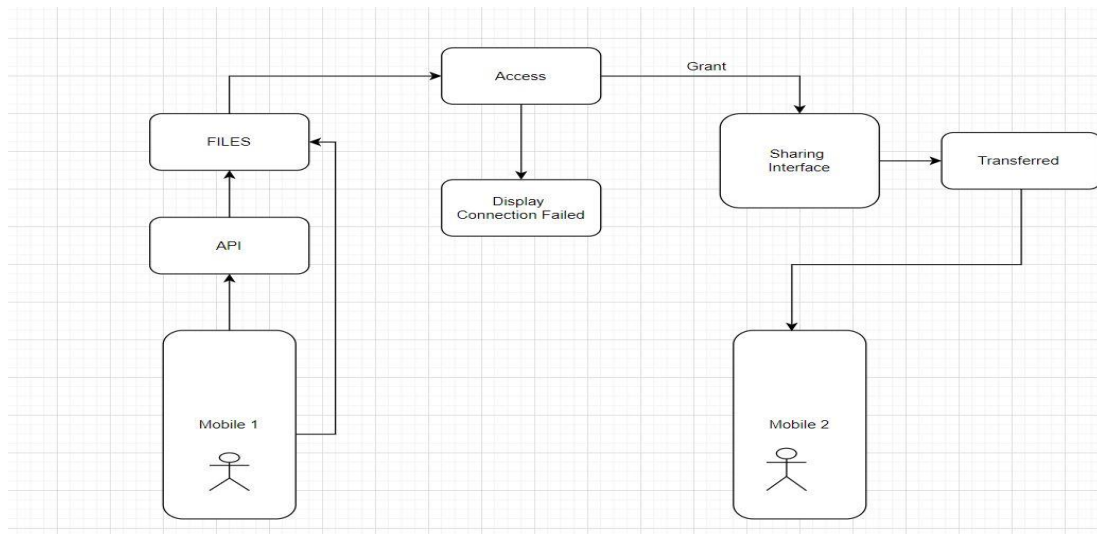


Fig.3

Block Diagram



IV. RESULTS AND DISCUSSION

Technology has progressed to the point that we can now share files and documents over wifi and other networks. We'd want to include which platforms our application may operate on in this project, thus these are the platforms that are authorized.

Table 1. Names of Android versions

Code name	Version numbers	API level	Release date
Jelly Bean	4.1 - 4.3.1	16 - 18	July 9, 2012
KitKat	4.4 - 4.4.4	19 - 20	October 31, 2013
Lollipop	5.0 - 5.1.1	21- 22	November 12, 2014

Marshmallow	6.0 - 6.0.1	23	October 5, 2015
Nougat	7.0	24	August 22, 2016
Nougat	7.1.0 - 7.1.2	25	October 4, 2016

V. CONCLUSION

The need for stable operating systems is now more important than ever. Android and iOS have had significant market share across a multitude of mobile operating systems. In comparison to iOS, Android is more user-friendly, customizable, and cost-effective. iOS is not as customizable as Android and is more costly, but it is more stable than its rival.

Android's security protocols might be hardened in the future, or Android apps might use obfuscators to avoid malicious attacks. On the other hand, iOS can be enhanced in terms of user customization by giving users more control and customization.

We compared the two operating systems in this article. We believe Android is a superior operating system to iOS for the following reasons: It is more flexible than iOS, allowing users and Android app developers to be more creative with their designs. It allows users to install third-party apps that are not permitted on iOS. While there are still some security concerns, Android goes to great lengths to protect its users' data.

VI. REFERENCES

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- [2] Faldu S, Chapanera D. Comparative analysis SHAREit vs Xender vs Zappy. *Int J Adv Res Eng Sci Technol.* 2016;Special Issue:1–6