

投稿類別：英文寫作

篇名：

AAW－War Between Apple and Android

作者：

吳翊瑄。永年高中。應英高三信班

翁詩媛。永年高中。應英高三信班

雷玉萍。永年高中。應英高三信班

指導老師：

林郁宸

I . Introduction

In this era when technologies increasingly prosper, mobile phones become indispensable. In order to win the favorite and royalty of customers and expand the market occupancy, phone brands have also begun to focus on the operating system. There are more and more operating systems developed in the market. Each has different features.

II . Thesis

II .1 Research motivation

Since some of my classmates use iPhone and others use the phone equipped with the Android system. We wanted to study the two most well-known systems Android and iOS, so this is why we do the research.

II 2. Research purpose

iOS and Android systems have advantages and disadvantages, so we want to do the further research and deeper classification. The advantages and disadvantages of the two systems are grouped.

II .3 Research question

1. System differences of iOS and Android.
2. The advantage and disadvantage of iOS and Android.
3. The ratio of Yunlin County high school occupation using iOS and Android.

II .4 Research methods

A. Background of iOS system

iOS, Apple's proprietary mobile operating system developed for mobile devices. Unlike Android, iOS only supports Apple hardware devices. The system was first launched for iPhone in 2007. Following, it tented extend function to support other Apple devices. Not until January 2017 did the Apple App Store contain more than 2.2 million iOS applications. iOS operating system is the world's second-largest mobile operating system. Their market share currently accounts for about 12.1% ,which is next to the 88% of Android systems. On January 9th. 2007, Apple released iOS (then named iPhone OS) at the 2007 Macworld conference. In the same year, the first version of iOS was also issued.

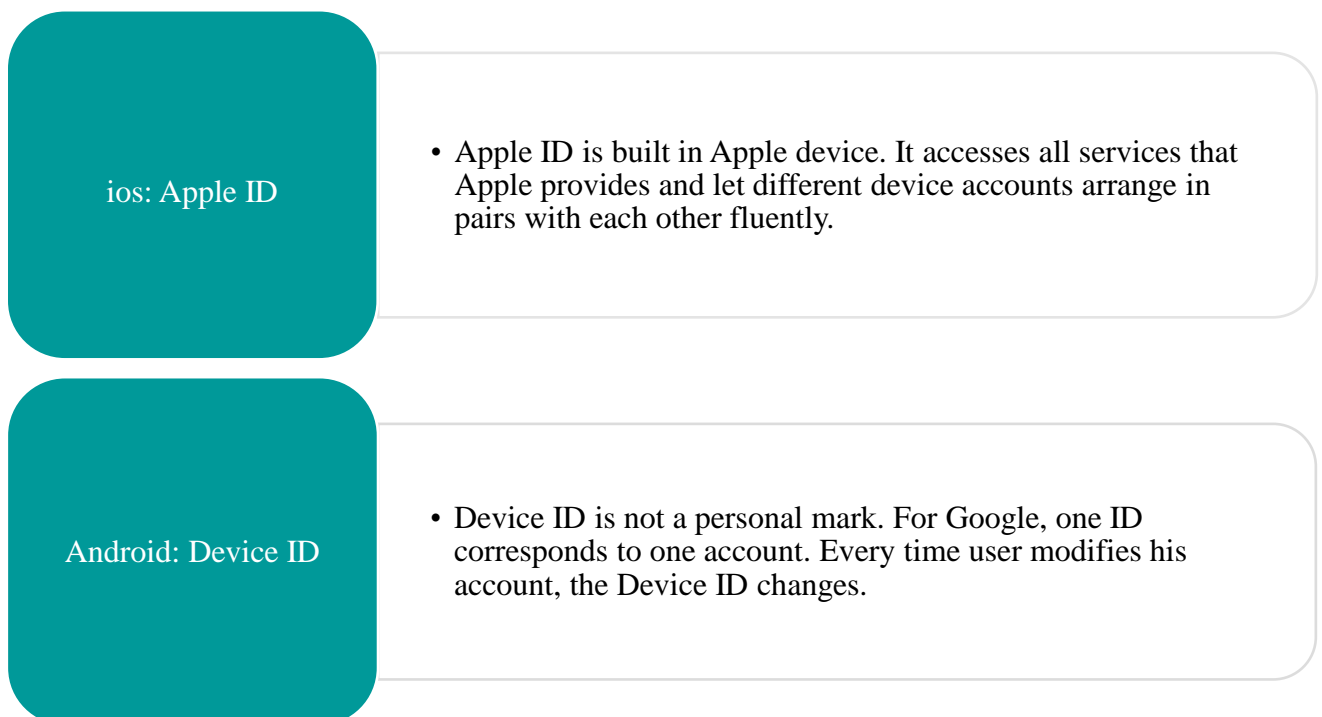
iOS must be verified by Apple's server with the device, which can automatically synchronize through iTunes. Moreover, iOS 5 and the following versions can do so through iCloud. Initially, there were no individual name for iPhone's operating system until 2008. It was named as "iPhone OS".

B. Background of Android System

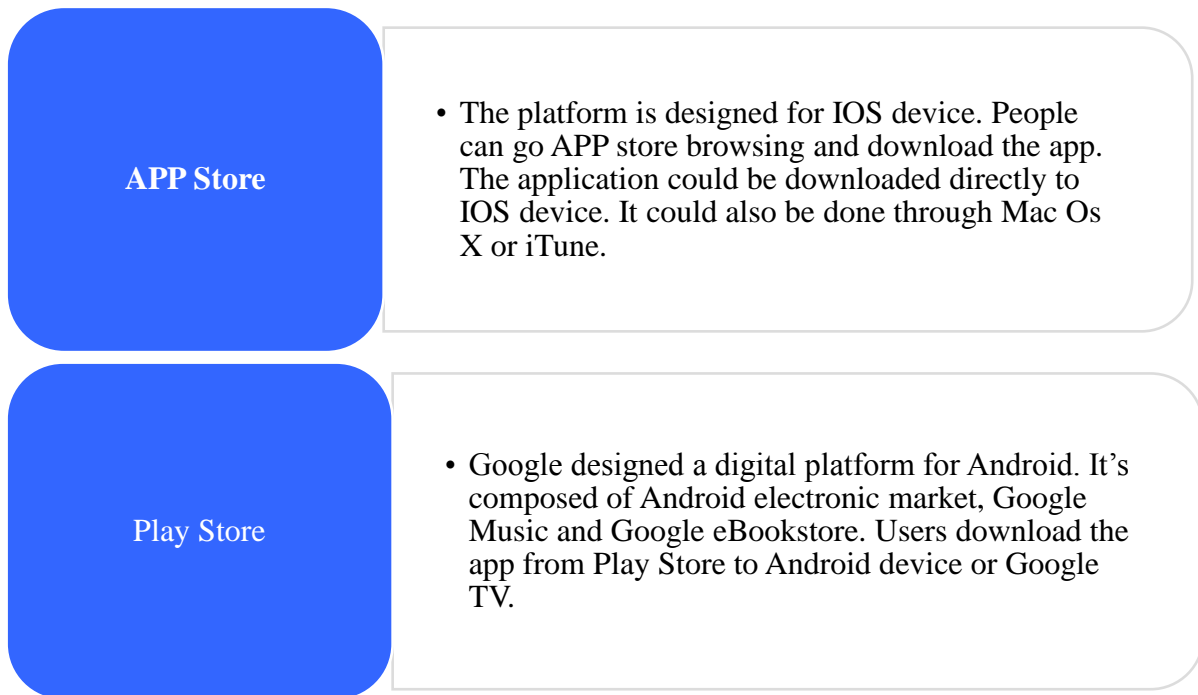
In 2003, Andy Rubin established Android. At the beginning, the purpose of developing the phone system, Android, was to have a smoother advanced digital camera system; however, research team found that it couldn't increase the rate in the market. Plus, the population of buying smart phone was growing fast. Thus, Android transformed it into phone operating system. The company was merged by Google in 2007. It worked on improving the system with some App developers. Then they released their system to public as open code. It made Android spread rapidly. The system was used on not only smartphone but other related field. The data in the end of 2010 showed that Android operating system which had only launched for two years became the most used system in the world.

C. Difference

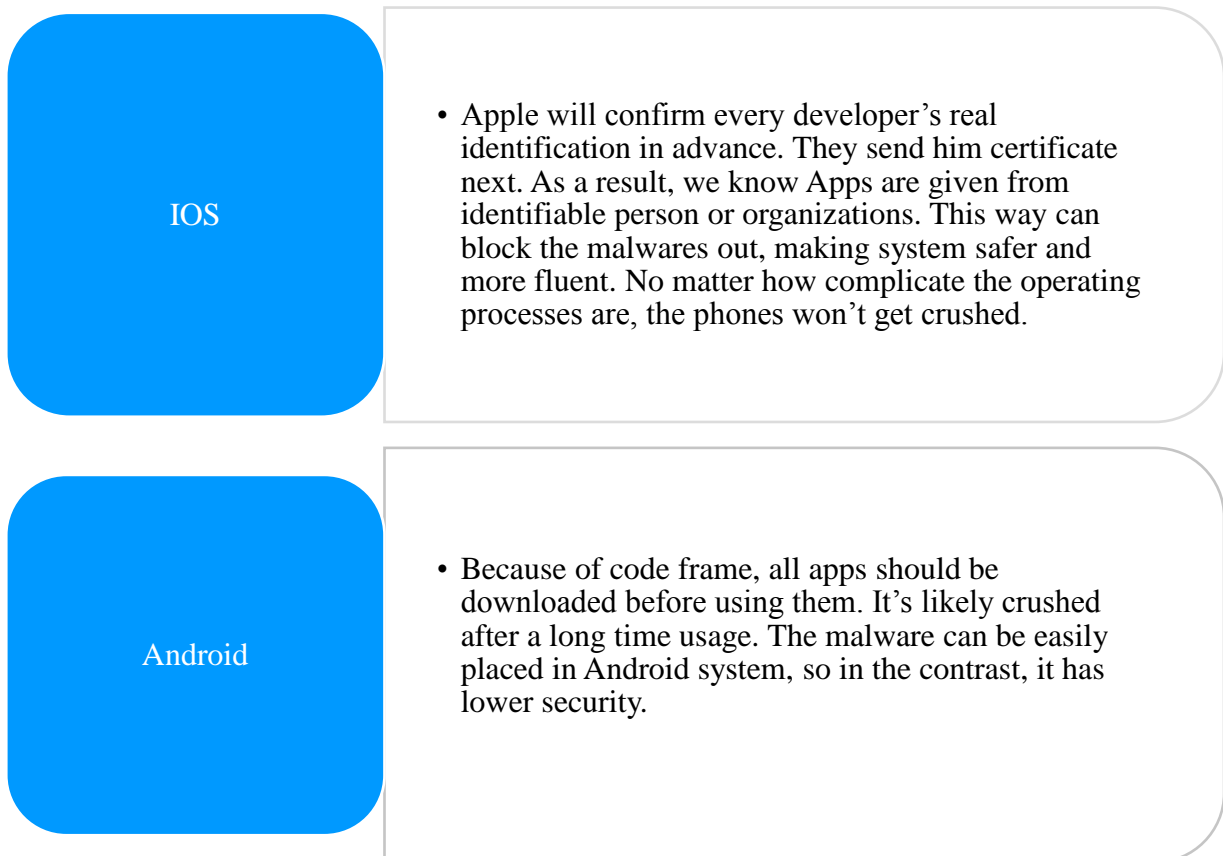
Ö.The identification of system



Ö. APP Store



Ö. Security of two Operating Systems



ios Analysisist Table	
S	W
<ol style="list-style-type: none"> 1. Apple brand awareness is high. 2. Old product supports high probability of upgrading to new version system. 3. Simple and easy to use touch screen mobile interface ° 4. Operating procedures, Caton rarely appear. 5. Strong security 	<ol style="list-style-type: none"> 1. Browser does not support Flash, Java. 2. No personalized desktop, directly to the software App rendering. 3. Models equipped with high prices.
O	T
<ol style="list-style-type: none"> 1. IOS system is unified and variability ° 2. APPLE's IOS is the first smartphone operating system, so it can be said to be indicative of the product. 	<ol style="list-style-type: none"> 1. Has a certain reputation, the market can not help but many competitors. 2. Apple mobile phone limited, expensive, less able to enter the general market.

Sheet(1) is produced by study group.

Android System Analyst Table	
S	W
<ol style="list-style-type: none"> 1. Android is open source operating system. It offers high degree of freedom and selections. 2. It has more free software. 3. Android phone's battery can be changed. 4. According to different brands, the systems can use with distinct UI designs. 	<p>The quality of software is unsteadied, and the fluency of touch screen isn't enough.</p>
O	T
<p>Android supports ample of mobile devices.</p>	<p>Because of the open source code, the security turns out to be an issue.</p>

Sheet(2) is produced by study group.

II.5 Mobile operating system ios and android usage

This questionnaire is made by Google, and the survey respondents were answered by high school students. The purpose of the survey is to investigate ios and android amount. 200 people in total answered this questionnaire.

手機作業系統 ios 和 android 的使用多寡

〈這份問卷採不記名，請安心填寫〉

我們是永年高三學生，我們在研究雲林縣區域高中職學生使用 ios 和 android 的多寡，如果有使用以上這兩種手機系統，請幫我們填這份問卷。

1.你/妳有曾經使用下列系統的其中一種嗎?

☐ios

☐Android(請跳第 3 題)

選擇動機

2.為何會選擇 ios?可複選

☐封閉式系統 (ex:apple store)

☐評價很好

☐apple 迷

☐不用換 SIM 卡

☐軟體支援性強

☐流暢度高

☐他人推薦

☐其他：_____

3.為何會選擇 Android 這個系統?可複選

☐開放式系統 (ex:可以自己設定使用者的介面，快捷開啟、桌面個人化設置)

☐評價很好

☐Android 迷

☐可更換 SIM 卡

☐軟體支援性強

☐流暢度高

☐個人化介面

☐他人推薦

☐其他：_____

使用後感想

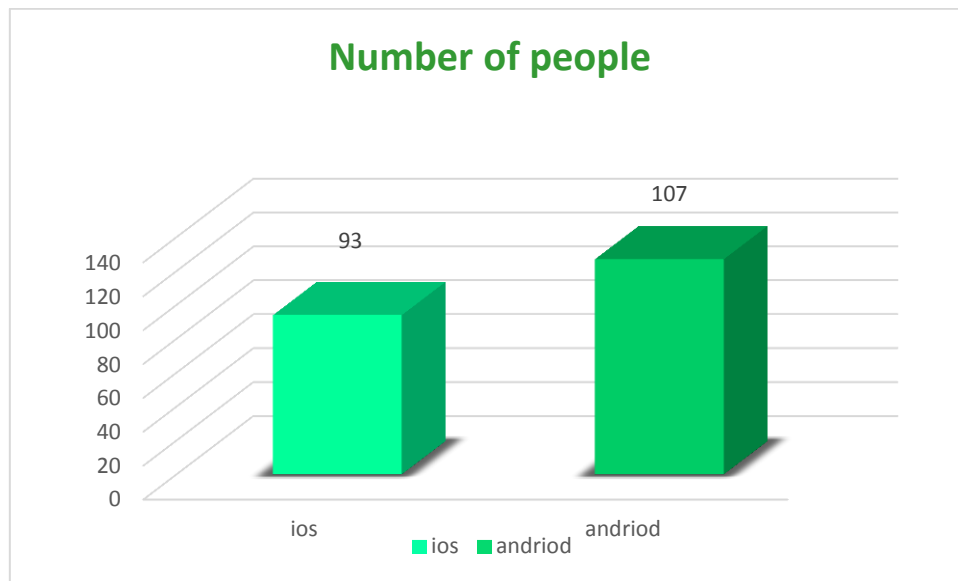
4.(限都用過這兩種系統的人填)安卓 Android 系統和 ios 系統互相比較的話，你/妳覺得在使用上何者較好用?

☐安卓 Android 系統

☐ios 系統

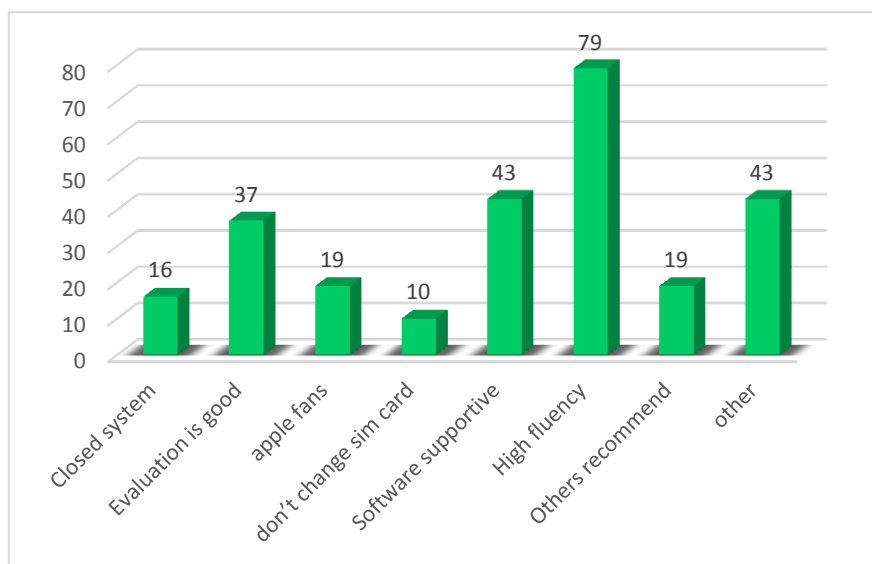
☐兩者都好用

chart (1) ios and android the number of people usage



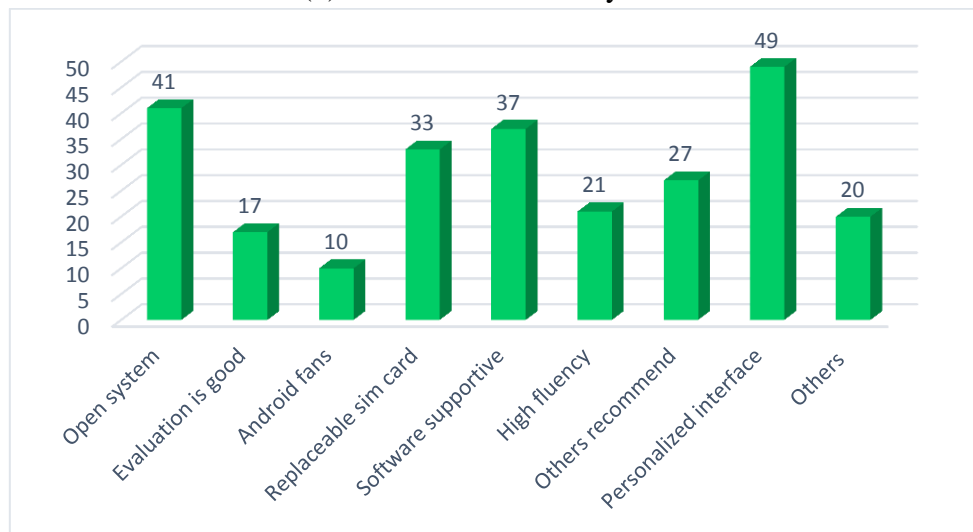
From the chart (1) that, high school students who use android have 107 people , there are 93 high school students who use ios. We know more people choose android system, but their difference is not much.

Chart (2) Select ios this system reason



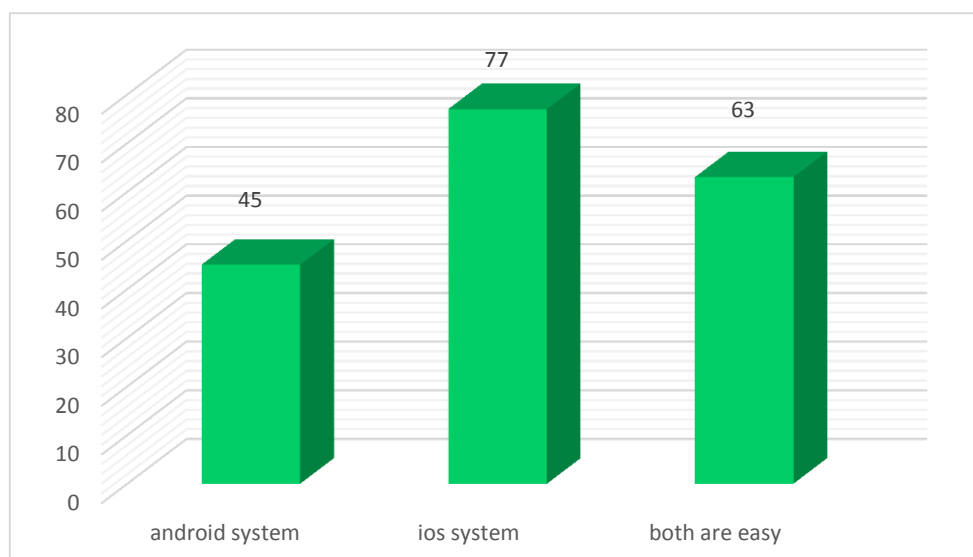
From the chart (2) , we can know that more high school students choose fluency. They don't choose it because it can't change the SIM card. While the phone is more developed, so we will choose the fluency, instead of using a cellphone then the signal breaks. Others parts of people, for example, family bought for them or they have enough money to buy the cellphone which is not easy to break.

Chart (3) Select android this system reason



From the chart (3) that, we can see more high school students choose personal interface as the reason, fewer people choose Android fans as a reasons, The reason for the highest personalization may be that nowadays high school students like to follow their own vision and ideas, to typesetting their own interface, because ios does not have this feature, this is the Android advantage, Others are part of the number of people, for example: not have enough money, family does not give , good picture quality, can be extrapolated memory card, Will not use Apple's cell phone. This shows that nowadays high school students feel fluency and personal interface are more important.

Chart (4) Android system and ios system ease of use



From the chart (4) that, Choose Android system has 45 people, ios system has 77 people , both are easy to use 63 people, We can see high school students think ios the most easy to use, although more people use android but the satisfaction is not good ios . This is a question worth discussing.

III. Conclusion

The biggest differences between the ios and Android. The former does not use open systems. Conversely, the latter is an open system. A total of 200 high school students from Yunlin County were filled out the surveys I, II, III, and IV. Among whom, 93 students selected ios and others selected Android system. The result of our questionnaire survey is that most of the reasons for choosing ios system are because of high fluency ; The choice for the Android system is that you can design your own personal interface.

IV. Reference

iOS 系統跟安卓系統最大的區別是什麼？(壹讀)

<https://read01.com/yyE25Q.html#.Wk15Y9-WaU1>

從開放/封閉觀點看 IOS 和 Android

<https://www.pcschool.com.tw/campus/scarticle/journal/274/>

究竟 iOS 或 Android 誰更出色？ CNN 15 項手機功能大比拼

<https://www.newmobilelife.com/2014/11/17/ios-vs-android-from-cnn/>

薛見月〈2015〉青少年對手機系統品牌、知覺品質、知覺價值與再購意願相關之研究—以苗栗縣高中〈職〉學生為例。亞洲大學國際企業學系碩士在職專班：碩士論文。

楊佳穎〈2011〉智慧型手機系統平台之市場競爭力分析。國立台灣大學工業工程學研究所：碩士論文。