

## Project Design Phase-I Solution Architecture

Date	04 November 2023
Team ID	NM2023TMID10850
Project Name	Apples iPhone Impact in india
Maximum Marks	4 Marks

### Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Find the best tech solution to solve existing business problems.
- Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
- Define features, development phases, and solution requirements.
- Provide specifications according to which the solution is defined, managed, and delivered.

### Example - Solution Architecture Diagram:

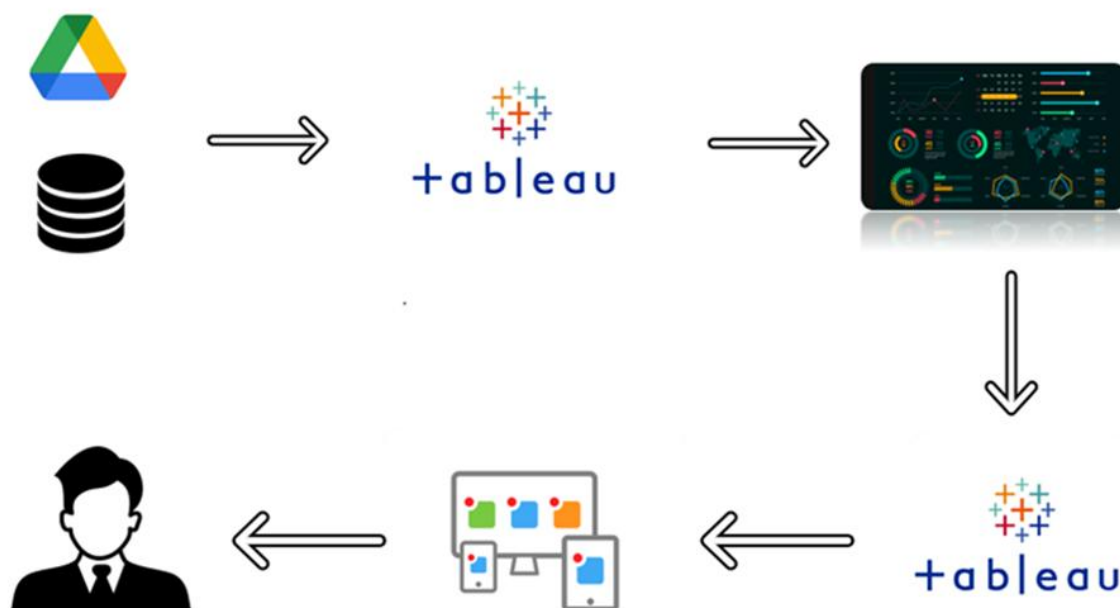


Figure 1: Architecture and data flow of the voice patient diary sample application,

## ABSTRACT

This letter is all about the analysis of first ever operating system that changed the entire era of mobile phones. The study also shows the continuous upgradation of iOS and its amazing contribution in different technologies. We researched how iOS is most

secured and different from other operating system with an overview of journey of Apple Inc.

The expansion of iOS with its wide scope and the properties which differentiate iOS have also been discussed in our study. Also, we have tried to explore

how iOS is upgrading its versions at certain period of time and adding new

technologies and features like face recognition, merging software with hardware

including the concept of machine learning, how iOS is most secured mobile operating

system and what makes it so, what makes iOS different from other mobile operating system like Android and others.

Key words: Apple iOS, Mobile Computing, Industry 4.0, Face Id, Bionic Neural, Future Technology

Cite this Article: Nishkarsh Verma and Saurabh Sambhav, Development of iOS: A Revolutionary Transformation and the Future, International Journal of Advanced

Research in Engineering and Technology, 11(6), 2020, pp. 445-454.  
<http://www.iaeme.com/IJARET/issues.asp?JType=IJARET&VType=11&IType=6>

# 1. INTRODUCTION

As the technology evolving, the requirement is also increasing with same proportion as new devices.

iOS is the first to provide internet, messaging, phone calls, music and touch screen.

provides convenient interface and highest security to its user which attract peoples to buy the iPhones.

iOS also supports developing technology or platform like IoT (Internet of Things), Industries 4.0 etc.

which is playing a crucial role in present time. Before starting with Apple iOS we first should have to know how the journey of this revolutionary operating system started.

These all started in 1976 inside a small garage in Los Altos, California with the three \$260.

174 billion and one of the most successful multinational technology company in the Companies like Microsoft, Amazon, Google, and Samsung and also give tough competition to keyboard and designed by the Wozniak that launched in the market at Homebrew Computer Club [2], and its successor was Apple II in 1977 which consist of case and keyboard along with floppy disk drive [3].

In 1980, IBM launched his first computer which gave tough competition to the Apple then Apple use GUI for their future products and then released two computer Apple free and Apple Lisa which was fail in the market and after 4 years Apple released his best computer which modify the vision of people saw computers forever on th

January 24 1984, Steve Jobs introduced the Macintosh to in front of large audience which responded with great appreciation and applaud lasted for minute and after a few years its successor was Macintosh IC and Macintosh SE [4].

## 2. WORKING PRINCIPLE OF IOS

### 2.1. Journey from iPhone OS 1 to iOS

In iPhone OS, initially no third party application were allowed to run in the phone and there

were only few applications inbuilt in phone without App store and a very essential

application which is also not supported by iPhone OS that it did not have Adobe Flash Player

that was a very famous web media used to create internet apps, websites, web browser video

player but still at that time no other mobile have that much off applications and the users scratch while its outcomes to be the great since the iPhone software would be superbly amended for its hardware and provides a user experience that no one had ever on a mobile