



BLUETOOTH TECHNOLOGY

TEMIRBEK ABYZKHAN

OUTLINE OF THE PROJECT PART III



Facts



Opinions/ideas



Conclusion



Facts about IT invention

- ▶ Bluetooth works over a maximum distance of 164 feet between devices (Mercer,2019)
- ▶ Bluetooth is a form of wireless technology used to transmit data over relatively short distances from one device to another ([Charlton](#),2020)
- ▶ All Bluetooth devices contain an antenna for connecting to each other ([Charlton](#),2020)
- ▶ Bluetooth has inherent security in two ways (Poland,2019)
- ▶ Like Wi-Fi, you can use Bluetooth to exchange files and operate electronics (Poland,2019)
- ▶ Bluetooth, named for Harald I Bluetooth, the 10th-century Danish king who unified Denmark and Norway (The Editors of Encyclopedia Britannica,2021)
- ▶ Bluetooth is a form of wireless communication made specifically for close range, low power communication (Escobar,2016)

Opinions/ideas about the IT inventions

THE ORIGINAL TEXT

- ▶ As mentioned earlier, Bluetooth is often used to pair mobile devices with other mobile or fixed devices(**John,2020**)
- ▶ In the domain of wireless communication I have seen the emergence of a whole array of new standards and technologies in the past few years, from Wireless Local Area Network (WLAN) to Bluetooth and WiMAX(Malik,2019)
- ▶ Working at the same time and offering much the same connectivity, you may not always know which hardware is pairing with which devices(**John,2020**)
- ▶ Its key features were low power usage—enabling simple battery operation—and relatively low cost(The Editors of Encyclopedia Britannica,2021)
- ▶ That range is more than enough for many home, car, and consumer electronics applications(Mercer,2019)

PARAPHRASED VERSION

Bluetooth is frequently used to connect mobile devices to other mobile or fixed devices, as previously stated

In the field of wireless communication over the past few years, I have witnessed the emergence of number of new standards and technologies from wireless LAN (WLAN) to Bluetooth and WiMAX

You may not always tell which hardware is partnering with which devices because they are all working at the same time and have similar connectivity

Its main characteristics were low power consumption, which allowed for simple battery operation, and cost cheaper

For many home, automobile, and consumer electronics applications, such range is more than sufficient

Conclusion

- ▶ Bluetooth has made our lives easier by being able to connect in anyway anywhere we wanted
- ▶ The effect of the Bluetooth on different markets is very clear and impressive
- ▶ As people nowadays are prefer to use different type of technology devices that make their life easier, the demand of the new devices that applied Bluetooth in it is increasing rapidly
- ▶ An example of a new device that does not be created yet but might be created soon is a watch that can be connected to smart phone using Bluetooth, so the user of it can receive messages and read them throw the watch even if the phone is hidden somewhere

References

- ▶ Eric Escobar (2016). What Is Bluetooth?.
<https://www.scientificamerican.com/article/what-is-bluetooth/>
- ▶ Edward Mercer (2019). What is Bluetooth Technology Used for?
<https://smallbusiness.chron.com/bluetooth-technology-used-for-58102.html>
- ▶ **Alister Charlton (2020). What is Bluetooth, why the unusual name, and how does it work?**
<https://www.gearbrain.com/how-do-bluetooth-devices-work-264501200.html>
- ▶ Ashley Poland (2019). The Advantages of Using Bluetooth From Existing Technology
<https://smallbusiness.chron.com/advantages-using-bluetooth-existing-technology-32921.html>
- ▶ The Editors of Encyclopaedia Britannica (2021). Bluetooth technology.
<https://www.britannica.com/technology/Bluetooth>



THANK YOU FOR
YOUR ATTENTION!