



## **LAB 1**

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# Mobile Development Topic

## How Mobile Computing effect an individual?

Mainstream mobile computing is a very new concept in the scheme of the technological revolution with frequent innovations constantly changing the landscape of technology and bringing it to the masses.

From the initial concept of the phone from Robert Hooke's first acoustic phone the purpose of the phone was communication. Initially, between two cups, to morse code using buttons in 1838 and perfected with Alexander Graham Bell's first telephone in 1876. AT this point telephone we're breaking the social construct of verbal communication either only being one-way traffic (i.e., the radio) or only available in-person to increasing the range to which people can communicate in times that couldn't be supported by mail. As an individual, it brooded their horizons since they didn't need to worry about being able to communicate with those back home.

In the late 1900s, the personal computer and personal cellular phones became mainstream in nations like the United States, and this changed the general culture of these nations towards an internet-based society. Trade was often conducted virtually and through social media platforms like My Space, Individuals were able to connect with anyone anywhere anytime. As people this left many vulnerable to crime such as extortion and cyberattacks.



The advancement of smart phones in 2008 onwards created professions and new job opportunities which many now take up such as Mobile Developers. Mobile Applications made accessing any information and service much easier leading to collapse of numerous businesses such as Blockbuster but the rise of others like Netflix. Individuals could meet strangers in pursuit of love on dating apps. Retail was transformed as many businesses could reach larger areas through applications. These jobs made many individuals who could capitalize on these resources very wealthy while it did leave those less tech-savvy to suffer as a result of the advancements. Young people now live much easier lives than their parents and elders as they have the internet which simplifies research and creativity.



Health-wise, many individuals are consistently on their phones which has brought about unsocial behaviour and increased depression due to cyber bullying. Eye health and attention spans can also deteriorate as a factor of over usage of mobile devices and the systems that have provided an ecosystem detached from the material world. Phones are only going to become more advanced and new professions will be created and new problems will emerge. Some individuals will stay ahead of the curve others will be left on the outside but our dependance on improving our quality of life through our mobile phones will only grow.

# Mobile Manufacturer

Phone: iPhone X



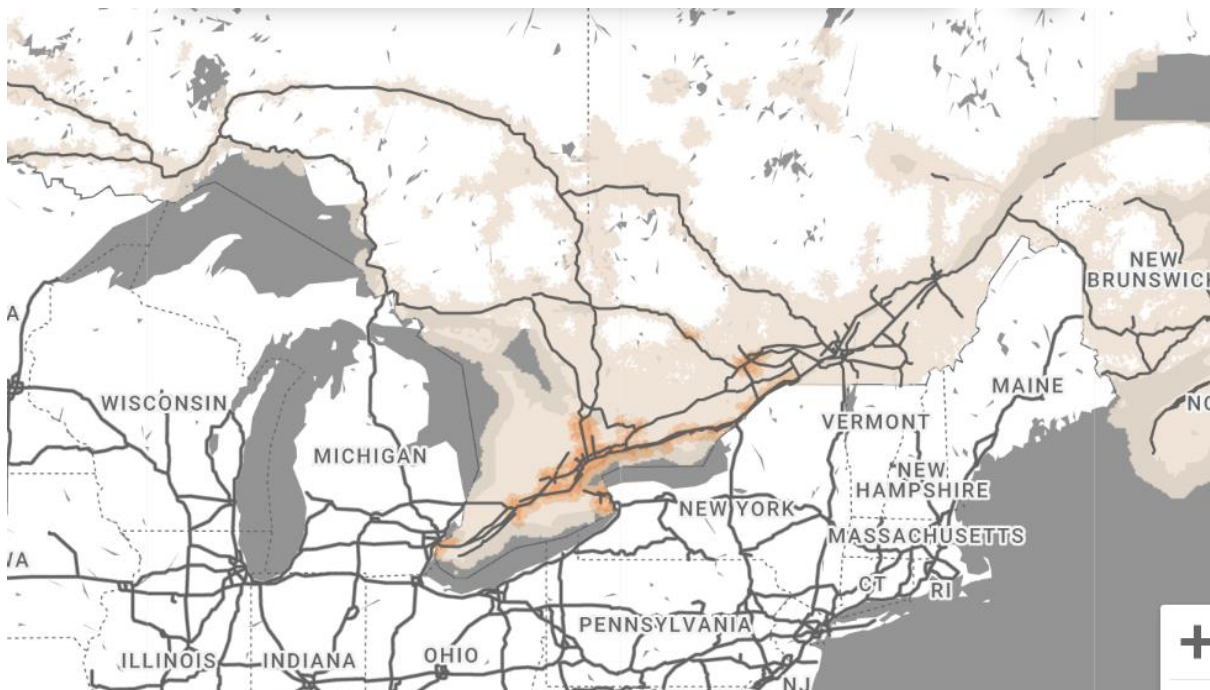
- Manufacturer - Apple
- Phone Model – iPhone X
- Price – CAD \$400
- Release Date - November 3, 2017
- Operating System – iOS v16
- Chipset – A11 Bionic Chip with 64-bit architecture
- Processor (CPU) - A11 Bionic processor
- Memory (RAM) – 3 GB
- Memory (Internal) – 256GB
- Memory (External) – iCloud – 100GB
- Display – 5.8 Super Retina HD display
- Camera (rear) – 12 MP + 12 MP
- Camera (Front) – 7MP
- GPS - Assisted GPS, GLONASS, Galileo, and QZSS
- Battery - 2716 mAh
- Battery (Talk time) – Up to 21 hours
- Battery (standby) – Up to 72 hours
- Network –
  - 802.11ac Wi-Fi with MIMO
  - Bluetooth 5.0 wireless technology
  - NFC with reader mode
- Synchronization with desktop/laptop - it
- Voice enabled - true
- Browser - Safari
- Splash, Water, and Dust Resistant - Rated IP67 under IEC standard 60529
- Face ID – Enabled by TrueDepth camera for facial recognition

## Mobile Plans

Service Provider: Freedom Mobile



- Plan – Big Gig Unlimited + Talk 20 GB Preferred
- Calls – Unlimited calls to Canada
- Data – Unlimited Data with 21GB of Fast LTE
- Messaging - Unlimited
- Global Texting - Unlimited
- Voice mail – Voicemail+
- Call features – Call Control (Caller ID, Missed Call Alerts, Conference Calling, Call Forwarding, Call Waiting)
- Service credits – N/A
- Fees – CAD \$50/month
- Usage policy (Terms and Conditions)
  - <https://www.freedommobile.ca/en-CA/terms-of-service>
- Coverage



- Add 2 other features
  - US Roaming
  - Access to Freedom Mobile Wi-Fi Hotspots

## References

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