

GROUP MIND MAP

CHAPTER 7

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PEOPLE

Technology has had a very positive impact on people, but some of the impact could be negative such as :-

- Privacy which concerns the collection and use of data about individuals
- Security Involves protecting individuals or organizations from theft and danger
- Ethics Standards of moral conduct
- Computer Ethics - guidelines for the morally acceptable use of computers

FORMS OF COMPUTER CRIME

Malicious Programs

- include virus , worm and Trojan horse

DoS

- cause computer system to slow down

Rogue WI-FI hotspots

- Imitate legitimate WI-FI hotspot

Data Manipulation

- Involves changing data

Identity

THE INTERNET AND THE WEB

- Illusion of anonymity
- People are not concerned about privacy when surfing the Internet or when sending e-mail

PRIVATE NETWORKS

- Employee monitoring software
- Employers can monitor e-mail legally
- A proposed law could prohibit this type of electronic monitoring or at least require the employer to notify the employee first

LARGE DATABASES

Large organizations compile information about us daily

- Big Data is exploding and ever-growing
- The federal government alone has over 2000 database
- Personal information is a marketable commodity, which raises many issues such as :-
- Collecting public, but personally identifying information

CHAPTER 7

This chapter covers issues related to the impact of technology on people and how to protect ourselves on the Web.

PRIVACY MODE AND THREATS

- Ensures your browsing activity is not recorded on your hard drive
- Web bugs
- Spyware
- Computer monitoring software

COOKIES

- Cookies are small data files that are deposited on your hard disk from web sites you have visited

HISTORY FILES AND TEMPORARY INTERNET FILES

History Files

- Include locations or addresses of sites you have recently visited

Temporary Internet Files / Browser Cache

- Saved files from visited websites