**WEB RESEARCH PROJECTS**

**CHAPTER 1  
THE IMPACT OF TECHNOLOGY IN A CHANGING WORLD**

**Discussion Questions**

1. How can social media have an impact on national and global issues?

Answers will vary. The chapter mentions how social media tools enable groups of people to gather to connect and exchange ideas about a wide range of topics. It also mentions how crisis-mapping tools like Ushahidi collect information and maps it, making the information available to others. These platforms also bring together people facing similar problems to fight for social change. Bot accounts, automated programs retweeting news stories and quotes, have been used to create discord around controversial topics in many countries.

1. You’ll encounter many ethical challenges relating to information technology. What ethical challenges do you face while using technology?

Answers will vary. Areas of discussion may include ethical challenges with the following:

* Intellectual Property: work that is the result of someone’s creativity and knowledge, such as music, writing, and software, and that is protected by copyright law and documented by copyrights, patents, and trademarks.
* Privacy: intelligent personal agents and social media create privacy concerns.
* Social Justice: topics like predictive policing and military secrets.
* Liability: manufacturing and intellectual property rights connection to liability.
* Censorship: various countries have different rules on censorship on the Internet.
* Social Activism: using computers and computer networks in a subversive way to promote an agenda usually related to causes such as free speech, human rights, or freedom of information.
* Automated Robotic Machinery: artificial intelligence in cars and the implications to the decision makers and driver control.

**Chapter 1: THE IMPACT OF TECHNOLOGY IN A CHANGING WORLD**

**Web Project 1: How We Connect with Others**

Chapter 1 discusses how and why we connect and collaborate with others. The ability to create, share, and collaborate on our own web content is referred to as Web 2.0. There are many uses for its application that allow for easy collaboration globally. Search online to find five Web 2.0 applications and write a description and review of each. Follow your instructor’s directions for proper formatting of your research.

**Suggested Keywords**

collaborate with web 2.0, web 2.0 tools, web 2.0 apps, best web 2.0 sites, examples web 2.0 apps

**Suggested Websites**

[quizlet.com](http://www.quizlet.com/)

[kickstarter.com](http://www.kickstarter.com/)

[instagram.com](https://www.instagram.com/)

[prezi.com](https://prezi.com/)

**Chapter 1: THE IMPACT OF TECHNOLOGY IN A CHANGING WORLD**

**Web Project 2: Global Issues Affected by Technology**

Chapter 1 discusses the various global social issues that are being affected by technology and the trends that have changed how we live. Write a paper comparing and contrasting the positive and negative impacts technology can have on global issues such as health care and the environment. Include a conclusion on whether the positive or negative impacts has the greater effect on future generations. Follow your instructor’s directions for proper formatting of your research.

**Suggested Keywords**

global social issues, healthcare and technology, mobile applications in healthcare, mobile apps for environment, technology effects on environment, technology effects on healthcare

**Suggested Websites**

[healthy.io](https://healthy.io/)

[dimagi.com](https://www.dimagi.com/)

[earthshare.org](http://www.earthshare.org/)

[digitalresponsibility.org](http://www.digitalresponsibility.org/)

[healthypeople.gov](http://www.healthypeople.gov/)

**Chapter 1: THE IMPACT OF TECHNOLOGY IN A CHANGING WORLD**

**Web Project 3: Technology Impacts How We Consume**

Internet shopping is a common occurrence for many people, but technology is changing the way we make decisions about purchases. There are numerous ways that companies use technology to market to consumers and help make purchasing more convenient. Research what technologies are available to make this process easier for both the consumer and the companies marketing their products. Write an essay that identifies some of the different strategies that are used to market products to consumers. Follow your instructor’s directions for proper formatting of your research.

**Suggested Keywords**

future of retail technology, consumer marketing technology, marketing to consumers using technology, marketing strategies using technology, retail technology trends

**Suggested Websites**

[futurecommerce.fm](http://www.futurecommerce.fm/)

[nrf.com](https://nrf.com/)

[entrepreneur.com](http://www.entrepreneur.com/)

[business.linkedin.com](https://business.linkedin.com/)

[flipcart.com](http://flipcart.com/)

**Chapter 1: THE IMPACT OF TECHNOLOGY IN A CHANGING WORLD**

**Web Project 4: Ethics and Intellectual Property**

One of the challenges with technology today is the debate over intellectual property rights. The music and film industry are trying to protect their intellectual property while trying to change the perception of ethical behavior in this area. Research information from the last five years about intellectual property disputes or cases in the music or film industry. Write a short paper that first defines intellectual property and discusses the cases from both sides. Follow your instructor’s directions for proper formatting of your research.

**Suggested Keywords**

intellectual property, intellectual property rights, intellectual property music cases, intellectual property film cases, disputes over intellectual property

**Suggested Websites**

[merriam-webster.com](http://www.merriam-webster.com)

[hg.org](http://www.hg.org)

[natlawreview.com](https://www.natlawreview.com/)

[smithsonianmag.com](http://www.smithsonianmag.com)

[legalzoom.com](http://legalzoom.com/)