

Module 3 – Class Notes

These are class notes taken by a student I had a previous semester, that correspond with your assignment for this module. They are not necessary but some students find them helpful.

16th Class

We are now beginning Module 3. Module 3 has 2 discussions. The second discussion is optional but is valuable to those who need points.

Agenda

1) Module 3 is up-September 27th to October 10th

2 Discussions

-chap 3

-(optional) make your resume a webpage, discuss how it's done and questions about it.

*In word you can save your document as a web page.

We are now making a web page out of a sample resume.

Host- international home for your webpage

If you have a domain name, will people be able to see you? i.e. www.drebrahimi.com

the domain name is usually unique.

To have a webpage, your document needs to be properly formatted, you need a host and a domain name.

Usually you can do all three of these things in one place. One example of this is www.webs.com, they will create a website for you for free. When you do a website for free, you borrow their host for example, www.sharmayebrowman.webs.com

Dr. Ebrahimi purchased his domain name from www.melbourneit.com

If you search on the internet, you can find out who owns every domain name.

***Quiz URL is actually universal resource locator

Dr. Ebrahimi now has a facebook page! He trusts you, but he does not trust your friends, that is why he initially didn't want a facebook page.

2) We are now reading from Chapter 3, pg 64- Personal Information in Databases

pg 64- your boss is watching

3) Assignment for Module 3

Module 3 – Class Notes

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For the Assignment for this Module, there will be 5 points for Ethics, 5 points for privacy and 5 points for security. Define what ethics is and why a manager needs to know about it. Define what privacy is and why a manager needs to know about it. Define security and why a manager needs to know about it.

1 pg summary and personal conclusion and reference the book (current edition)- **75 pts**

5 pts each to define ethics, privacy, and security

10 pts if you get 2 outside references on this topic.

The class was very hot today, Dr. Ebrahimi is feeling uncomfortable.

17th Class

*If anyone has any problems, see me after class.

* The professor is showing us his Hard Disk, it goes into your C: Drive it's the same concept as the USB.

* The professor is a member of ACM-Association for Computer Machinery, this gives him access to their references.

-We have teams that were mentioned previously, each team will have a presentation consisting of a slideshow

Agenda

- 1) Find a good definition of ethics, privacy and security
- 2) Review module 2 assignment
- 3) Read from the textbook
- 4) News
- 5) Module 3 assignment

-What is a good definition of Ethics, privacy and security? pg 62 for ethics and privacy (2007), security (found on Wikipedia) Raymond found a definition of internet security on pg 400 of the new book.

Ethics is a collection of principles that are intended to guide decision making by members of the organization.

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Privacy is the right to be left alone and to be free of unreasonable personal intrusions.

Information privacy is the right to determine when and to what extent, info about yourself can be gathered and or communicated to others.

Information Security means protecting information and information systems from unauthorized access, use, disclosure, disruption, modification, perusal, inspection, recording or destruction.

-Privacy is very important. Recently a young Rutgers student killed himself because 2 of his fellow classmates videotaped him doing something private and posted it on the web.

-What is ethical in one forum may not be ethical in another forum

Now we are reviewing Lance's Module 2 assignment. We will evaluate it together.

We are now looking at Maurice's Module 1 assignment.

We are now looking at Angelica's Module 2 assignment.

October 5, 2010 compiled by Sharmayne Browman

-The professor got his new laptop today and he urges everyone to get a laptop if you can afford one.

Agenda

- 1) Module 3 Review, Ethics, Privacy, and Security

-the textbook doesn't have a good definition of security; find the definition on the web.

For your paper, please make sure you define these 3 terms and you discuss challenges that occur. Also discuss why managers need to know about these 3 terms.

- 2) Module 2 Grading-if you want your grade at a faster pace, let the professor know. If you are communicating to the professor by email, make sure you include a subject.

- 3) Technology news

- 4) Read from Chapter 3

- 5) Q&A

- 6) Participation, Announcement (club on Thursday from 12-1 in D222), Miscellaneous, Newsweek article

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-Technology doesn't have barriers but you must know what culture you're dealing with. A website that is suitable for one culture may not be suitable for another culture, so you should be aware.

-For instance, you cannot wear a green hat in china because it means that your wife is having an affair.

Young Mei asked a question-what is the relationship and trade-off between ethics, security, and privacy and what is the trade-off. These 3 terms are not the same but they are related. Ethics, security and privacy are all components of protection.

-The professor is curious as to what a person does on Twitter; he has asked two students who use Twitter heavily to do a demonstration.

-We checked to see if Dr. Ebrahimi's website is back at #1 on the google search. IT IS!!!! Dr. Ebrahimi achieved this by joining facebook and adding the link to his webpage. He also signs all his emails with his website link instead of his name.

-Yesterday, the professor looked at the quizzes for his online class. The highest mark was 96 and the lowest 70.

-For the midterm, the assignment will be to fix any problems from past assignments and a new module.

*Remember, do not put your personal opinion in the middle of the essay, personal opinions are only for the end.

*Make sure that you put subheadings to organize your papers.

*Your references should be in alphabetical order.

-In news, Verizon had to pay millions of dollars in refunds to it's customers due to the overcharging of fees.

18th Class

Today the professor is going to advise us on our Module 3 assignment.

-You should have a title for your assignment. As a standard you could use this as a title-"Why should managers be better acquainted with ethics, privacy and security?" Try to change your title around and be creative with it.

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-If you feel your paper is a 90 and above, then put the professor's name, then your name. After which you'll put the name of the school. For example:

Alizrea Ebrahimi, Ph.D

Sharmayne Browman

State University of New York at Old Westbury

-Next you should have an introduction. For example, It is important in this time of technology dominated business for managers to acquaint themselves with issues of ethics, privacy and security. You should also title it Introduction

-Next you should have a subtitle Ethics,

Define ethics in a way that you're not teaching the reader-Contemporary managers understand that ethics governs the principles for decision making in today's business environment. This allows managers to set standard and guideline for their respective industries, (Rainer, 2010)

-Then discuss the challenges managers face including social impacts, business integrity, opportunities, etc.

-Then do some research by going to Google scholar. Include Citation. Research should be current. For example:

Personal ethics refers to the individual's perception of right or wrong, based upon the system of values he believes in. However managers should know the difference between personal and business ethics (Gildenhuis, 2004).

-now Privacy

Define Privacy in a way that you're not teaching the reader (Citation). Consider challenges and opportunities

-Do some research (Citation)

-finally Security

-Define Security in a way that you're not teaching the reader (Citation). Discuss viruses, worms, other threats including spam and spit. Also discuss how encryption can enhance security.

-Do some research (Citation)

-Personal Conclusion-In my experience, in my opinion, I feel, I believe, etc. You might want to talk about how personal ethics and company ethics might conflict in your experience. Include your recommendations regarding the topic.

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In my experience as a manager, for the better part of a decade, I have found that ethics, privacy and security are critical to good business practices. Managers should have a vision. Managers should be educated before they delegate to others to ensure the proper execution of business practices.

-**References**- you can use the article from Module 1, the professor mentions security in that article.

Reading from the book

We are reading from the section on Security in the book on pg 68 and page 69. **Threats to Information Security**

-Now we are discussing the Newsweek article regarding facebook. Facebook gives access to personal info. The CEO isn't sorry that the information is accessible.

Newsweek article

The screenshot shows a web browser window displaying a New York Times article. The article title is "Verizon Wireless to Pay Millions in Refunds" by Edward Wyatt, published on October 3, 2010. The main text states that Verizon Wireless announced it would pay up to \$90 million in refunds to 15 million cellphone customers who were wrongly charged for data sessions or Internet use. A sub-headline reads: "WASHINGTON — Verizon Wireless said on Sunday that it would pay up to \$90 million in refunds to 15 million cellphone customers who were wrongly charged for data sessions or Internet use, one of the largest customer refunds by a telecommunications company." The article includes a photo of a Verizon Wireless store and a quote from Verizon's statement: "The announcement came in a statement from Verizon Wireless as the company held talks with the Federal Communications Commission about complaints of unauthorized charges and in response to questions about a possible settlement of an F.C.C. investigation into the issue." A sidebar on the right contains social media sharing options (Recommend, Twitter, Sign in to E-mail, Print, Reprints, Share) and a "What's Popular Now" section with links to "Two Scientists Win Nobel Prize in Physics for Work on Ultra-Thin Material" and "Military Orders Less Dependence on Fossil Fuels". At the bottom right, there is a Citibank advertisement for debit cards. The browser's address bar shows the URL: http://www.nytimes.com/2010/10/04/technology/04webphone.html?_r=1&ref=technology.

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Privacy- The right to be left alone and to be free of unreasonable personal intrusion.

The screenshot shows a Windows Internet Explorer browser window displaying the Dictionary.com page for the word "privacy". The browser's address bar shows the URL "http://dictionary.reference.com/browse/privacy?qsrc=" and the page title is "Privacy | Define Privacy at Dictionary.com". The page content includes a sidebar with navigation links, a main definition area with four dictionary results, and several promotional banners on the right side.

Privacy in the worpl...
Constitutional privac...
Internet privacy
Employee privacy act
Invasion of privacy a...
Right to privacy unde...
Cases of invasion of ...

Synonyms
separation
isolation
solitude
retreat
quiet
[More Synonyms »](#)

Nearby Words
priv pr
priv.
priv. pr.
privacy
privacy enhanced mail

privacy - 4 dictionary results

[Privacy Act Attorney](#)
Get help from experienced **privacy** act attorney. Contact our firm. MelvilleJohnson.com

[Phishing & Trojan Remover](#)
Download Free Trojan & Spyware Scan Recommended and Used By The Experts
www.pctools.com

[Ensure HIPAA Compliance](#)
Protect Patient Data and Get Audit-Ready. Free Trial Offer
www.Lumension.com/HIPAA-Compliance Sponsored Results

pri·va·cy
[prahy-vuh-see; Brit. also priv-uh-see] [Show IPA](#)

-noun, plural -cies.

1. the state of being private; retirement or seclusion.
2. the state of being free from intrusion or disturbance in one's private life or affairs: *the right to privacy.*
3. secrecy.
4. *Archaic* . a private place.

Origin:
1400-50; late ME *privace*. See [private](#), [-acy](#)

Dictionary.com Unabridged
Based on the Random House Dictionary, © Random House, Inc. 2010.

Today's Word Picks on Dictionary.com

- wamble
- exequy
- stridor
- sockdolager

The Everyday Extremes Forecast sponsored by

For all these conditions, be prepared.

- ◀ Rollover to find
- ◀ the right weight for
- ◀ your vehicle.

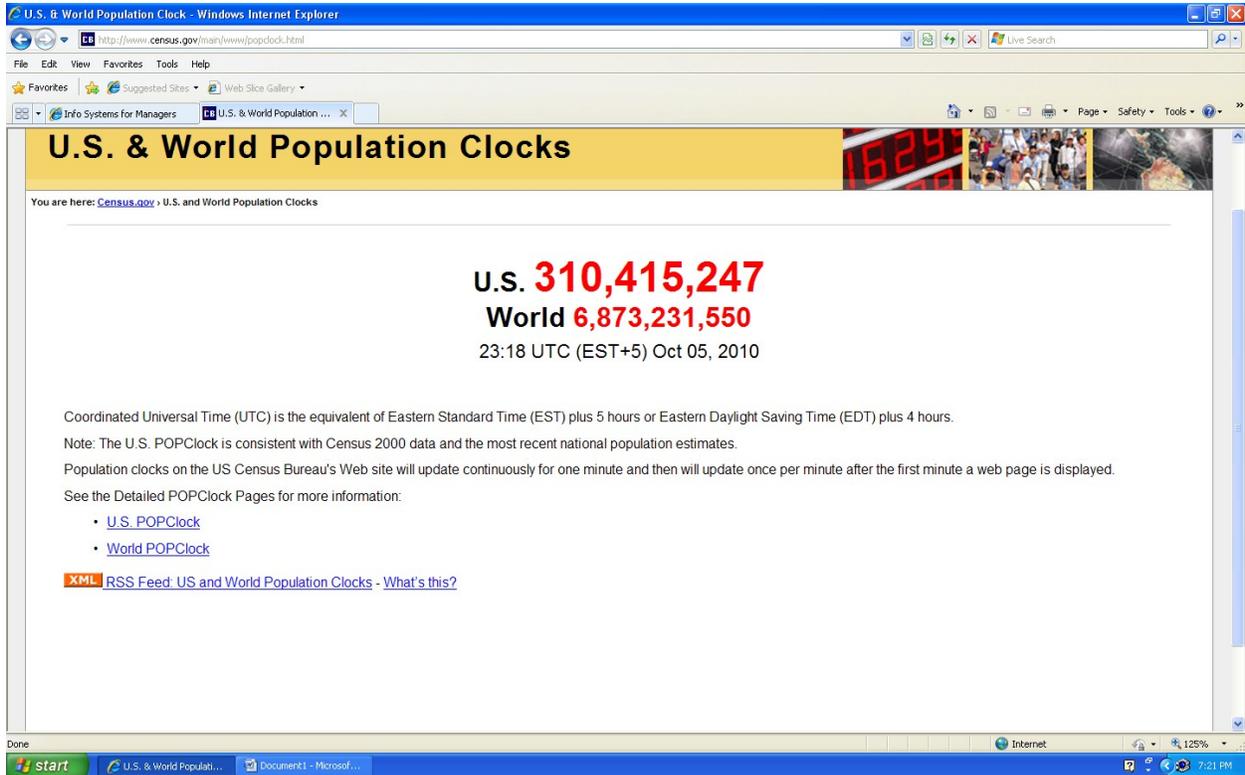
Resources on Dictionary.com

- Free tools
- Style guide
- Blog
- Confusing words
- Games
- Word of the Day

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World population



The screenshot shows a web browser window titled "U.S. & World Population Clock - Windows Internet Explorer". The address bar shows the URL "http://www.census.gov/main/www/popclock.html". The page content includes a yellow header with the title "U.S. & World Population Clocks". Below the header, the current population figures are displayed in large red text: "U.S. 310,415,247" and "World 6,873,231,550". The time is shown as "23:18 UTC (EST+5) Oct 05, 2010". Below the figures, there is explanatory text about Coordinated Universal Time (UTC) and a note about the data source. There are also links for "U.S. POPClock", "World POPClock", and an "XML RSS Feed" link.

U.S. 310,415,247
World 6,873,231,550
23:18 UTC (EST+5) Oct 05, 2010

Coordinated Universal Time (UTC) is the equivalent of Eastern Standard Time (EST) plus 5 hours or Eastern Daylight Saving Time (EDT) plus 4 hours.
Note: The U.S. POPClock is consistent with Census 2000 data and the most recent national population estimates.
Population clocks on the US Census Bureau's Web site will update continuously for one minute and then will update once per minute after the first minute a web page is displayed.
See the Detailed POPClock Pages for more information:

- [U.S. POPClock](#)
- [World POPClock](#)

[XML RSS Feed: US and World Population Clocks - What's this?](#)

19th Class

Today's Agenda

- 1) We just finished reading words of encouragement from a former student. LOL LOL J
"I was always encouraged in your class because you always encouraged us to continue to always learn and it will pay off."
- 2) Assignment Two format:
 - Must be one page
 - ½ Page - 60/100
 - Rough Idea - 70/100

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- References - 80/100
Try to use journal references
- Correct references, good vocabulary, covers all material - 90/100
(one paragraph for each of the companies)
- Perfect paper – 100

3) [Website Error Analysis](#)

Website Error Analysis of Colleges and Universities on Long Island in New York

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(ebrahimia, schweikerc, ssayeed, sparham,
hakibu, asaeeed, wparris@oldwestbury.edu)

Abstract

Websites are an important means of communication for colleges and universities. Web-based presentations are replacing traditional ways of disseminating information. This study investigates the websites of 21 colleges and universities located on Long Island (Nassau, Suffolk) as well as five additional schools, four of which are Ivy League institutions. This research developed a technique of web site analysis known as 7X2 C's criteria, which are applied to seven separate layers of website application and development. The study concludes that the web sites of all the included institutions have errors across all the layers of the analysis to some degree that need to be corrected. Some of these errors are crucial, especially with regard to website search engines.

Keywords: Error, Web Quality Assurance, Search Engine, College Websites, Web Programming, HTML, Web Design, Information Technology

4) Silver bullets + werewolves

5) Assignment for Module 3:

- Write about ethics, privacy, and security. How are they integrated in the information systems? Talk about the features, problems, errors, etc.
- *Ethics* refers to the principles of right and wrong that individuals use to make choices to guide their behavior. Deciding what is right and wrong is not always easy or clear-cut. For this reason, many companies and professional organizations develop their own codes of ethics.

6) Notes:

Module 3 – Class Notes

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- *Sarbanes-Oxley Act (2002)* requires public companies implement financial control, and that, to ensure accountability, executives must personally certify financial reports.
- Fun fact: Enron overstated their profit by \$580 million.
- Should organizations monitor employees' web surfing and email?
- Should companies sell your information?
- **Privacy policies** or **privacy codes** are an organization's guidelines with respect to protecting the privacy of customers, clients, and employees. In many corporations, senior management has begun to understand that when they collect vast amounts of personal information, they must protect it.
- **The Worst Retail Data Breach Ever**
 - TJX had 45.6 million records were breached. These records included customer credit card information.
 - Cost them \$60 million
 - Credit card info was used to purchase \$8 million at Wal-Mart & Sam's Club stores in Florida
 - \$5 million was spent to investigate the breach
 - 11 people were apprehended from various countries
 - [Tech experts plot to catch identity thieves \(Feb 2007\)](#)
- *Cookies* are small amounts of information that websites store on your computer, temporarily or more-or-less permanently. In many cases, cookies are useful and innocuous. For example, some cookies are passwords and user IDs that you do not have to retype every time you load a new page at the website that issued the cookie. Cookies are also necessary if you want to shop online, because they are used for your shopping carts at various online merchants.
- Most frequent letters used in the English language: *A, T, I, E, S, O*
- Wingdings
 - I like you I like you
 - I love you I love you

Module 3 – Class Notes

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20th Class

Today's Agenda

- 7) Good news!
- 8) Review Chapter 3 Powerpoint Presentation
- 9) Attendance

Class Notes

- 1) Ethics, privacy, security (Definition + Example of each)

Encryption

- *When organizations do not have a secure channel for sending information, they use encryption to stop unauthorized eavesdroppers. Encryption is the process of converting an original message into a form that cannot be read by anyone except the intended receiver.*

All encryption systems use a key, which is the code that scrambles, and then decodes, the messages. The majority of encryption systems use public-key encryption. Public-key encryption (a.k.a. asymmetric encryption) uses two different keys: a public and a private key. The public key and the private key are created simultaneously using the same mathematical formula or algorithm. Because the two keys are mathematically related, the data encrypted with one key can be decrypted by using the other key. The public key is publicly available in a directory that all parties can access. The private key is kept secret, never shared with anyone, and never sent across the internet. In this system, if Alice wants to send a message to Bob, she first obtains Bob's public key, which she uses to encrypt (scramble) her message. When Bob receives Alice's message, he uses his private key to decrypt (unscramble) it.

Public-key systems also show that a message is authentic. That is, if you encrypt a message using your private key, you have electronically "signed" it. A recipient can verify that the message came from you by using your public key to decrypt it.

Module 3 – Class Notes

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Although this system is adequate for personal information, organizations doing business over the internet require a more complex system. In such cases, a third party, called a certificate authority, acts as a trusted intermediary between companies. As such, the certificate authority issues digital certificates and verifies the worth and integrity of the certificates. A digital certificate is an electronic document attached to a file certifying that the file is from the organization it claims to be from and has not been modified from its original format.

1. *Information to Information Systems*

2. *Rainer and Turban (p. 86-87)*

2) What are the encryption algorithms?

3. Replace a fixed symbol for each character

4. For every character, there is another character that no one knows except sender or receiver

3) Frequencies of letters: A, T, I, E, S, O

10) Translation Code:

Original

Encrypted

A	m
b	q
Z	z
l	i
(blank)	“

11) Dr. Ebrahimi has a patent pending for 2009.

Module 3 – Class Notes

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- A patent is a document that grants the holder exclusive rights on an invention or process for 20 years.

12) Vladimir purchased a textbook online for \$1. www.biblio.com Received in two days.

13) *What is a cookie?*

- A small amount of information a website stores on your computer either temporarily or long-term.

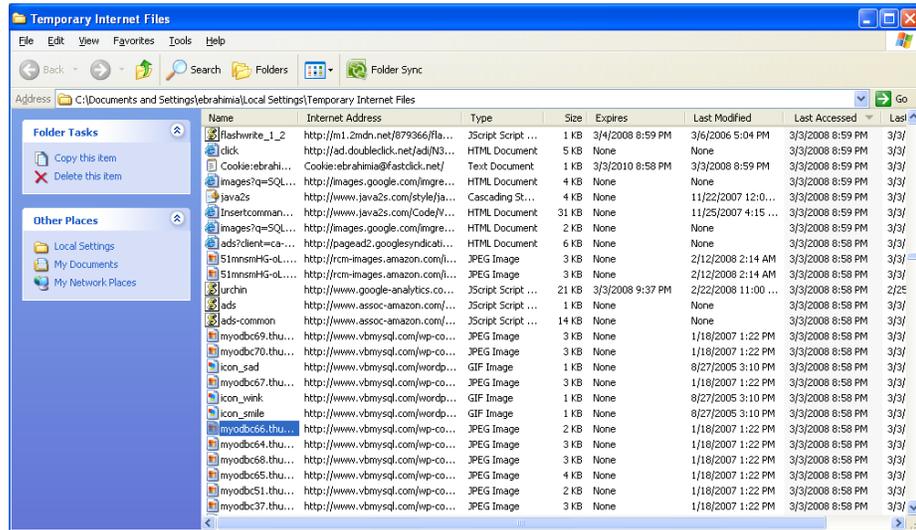
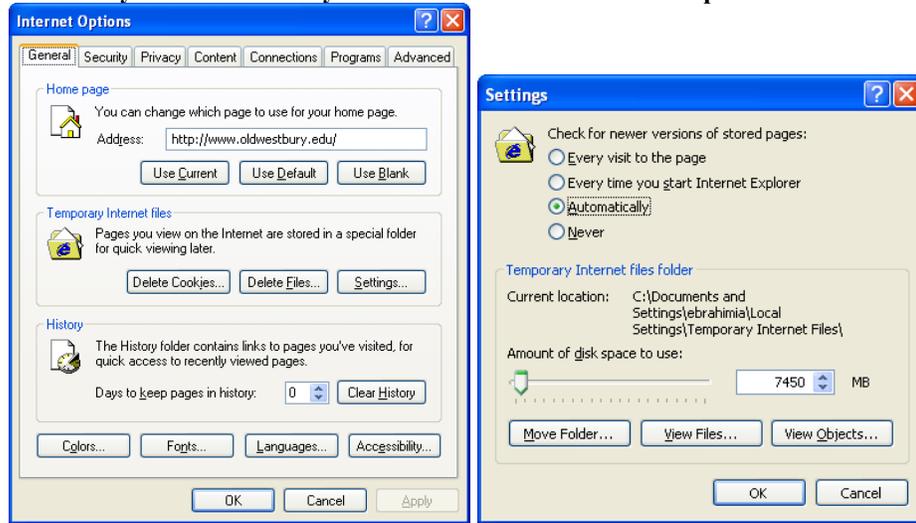
14) *How would I know where you've visited on the internet?*

- Where can you go if you wanted to print a list & time of browsing history?
- Whenever you work on a computer, your password & any information typed on a forum is stored.
- How do you delete cookies, saved passwords, saved forum content, etc.?
 - i. First, in your Internet Explorer, go to Tools – Internet Options
 - ii. Deleting cookies and deleting the files do not delete saved forum content.

1. (pictures on next page)

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15) Chapter 4 will talk about Data and Knowledge Management.

21st Class

Today's Menu

Chapter 3 talks about Ethics, Privacy and Information Security

Module 3 – Class Notes

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Module 3 - Know the topics in the chapters so you can write your 1 page report on the relation of the topic to how managers can become more acquainted with these topics. This Module is due Monday October 5th.

Chapter 3 - Learning Objectives

1. Describe the major ethical issues related to information technology, and identify situations in which they occur.
2. Identify the many threats to information security.
3. Understand the various defense mechanisms used to protect information systems.
4. Explain IT auditing and planning for disaster recovery.

Define each of the topics in Chapter 3 with one sentence that best fits the definition:

- **Ethics** – The rules of conduct recognized in respect to a particular class of human or particular group culture (dictionary.com). A code of ethics deals with what is **considered** to be right and wrong. It is a collection of principles that are intended to guide decision making by members of the organization, page 62 in our textbook.
- **Privacy** – the right to be left alone **and** to be free of **unreasonable** personal intrusions (page 62).
- **Security** – Security in information systems is protecting data from **accidental or intentional** disclosure to unauthorized persons, or from unauthorized modification or destruction (page 80).

Security is something that makes safe or secure (dictionary.com).

Security is freedom from anxiety and fear; it is also the degree of protection against danger and loss as well as criminals (Wikipedia.com).

For those who want 100 should have at least 2 specific references on the topics in the chapter. For Module 3 you must talk about why managers should become acquainted with ethics, privacy and security

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For every virus we must have a vaccine. For new viruses we need new vaccines, in other words a new anti-virus program.

*Spam is unsolicited bulk messages.3

INTELLECTUAL PROPERTY

Intellectual property is the property created by individuals or corporations which is protected under *trade secret, patent, and copyright laws*.

- **Trade secret** – is an intellectual work, such as a business plan, that is a company secret and is not based on public information.
- **Patent** – is a document that grants the holder exclusive rights on an invention or process for 20 years.
- **Copyright** – is a statutory grant that provides the creators of intellectual property with ownership of the property for the life of the creator plus 70 years.

Final Action Office - The receipt of a final Office Action can be a very nerve racking event for a new inventor. Such inventors often experience anxiety, feelings of defeat and, of course, and the sense that the entire financial investment in the application is a loss. All inventors must recognize that receipt of a final rejection is not uncommon and that several options still exist at this point. In fact, there are two responses to a final rejection that are considered fully responsive; (a) an appeal, or (b) a request for continued examination (RCE).

Dr. Ebrahimi has a Final Office Action to respond to by October 6th.

The following is an excerpt from the claim:

A patent needs to be new, novelty; something new or unusual (Merriam-webster.com).

Today we reviewed Dr. Ebrahimi's patent in class.

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/319,092	12/22/2005	Alireza Ebrahimi		6654
58834	7590	07/06/2009	EXAMINER	
ALIREZA EBRAHIMI 51 JACKSON AVE. MINEOLA, NY 11501			PAGE, EVAN RANDALL	
			ART UNIT	PAPER NUMBER
			3715	
			MAIL DATE	DELIVERY MODE
			07/06/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

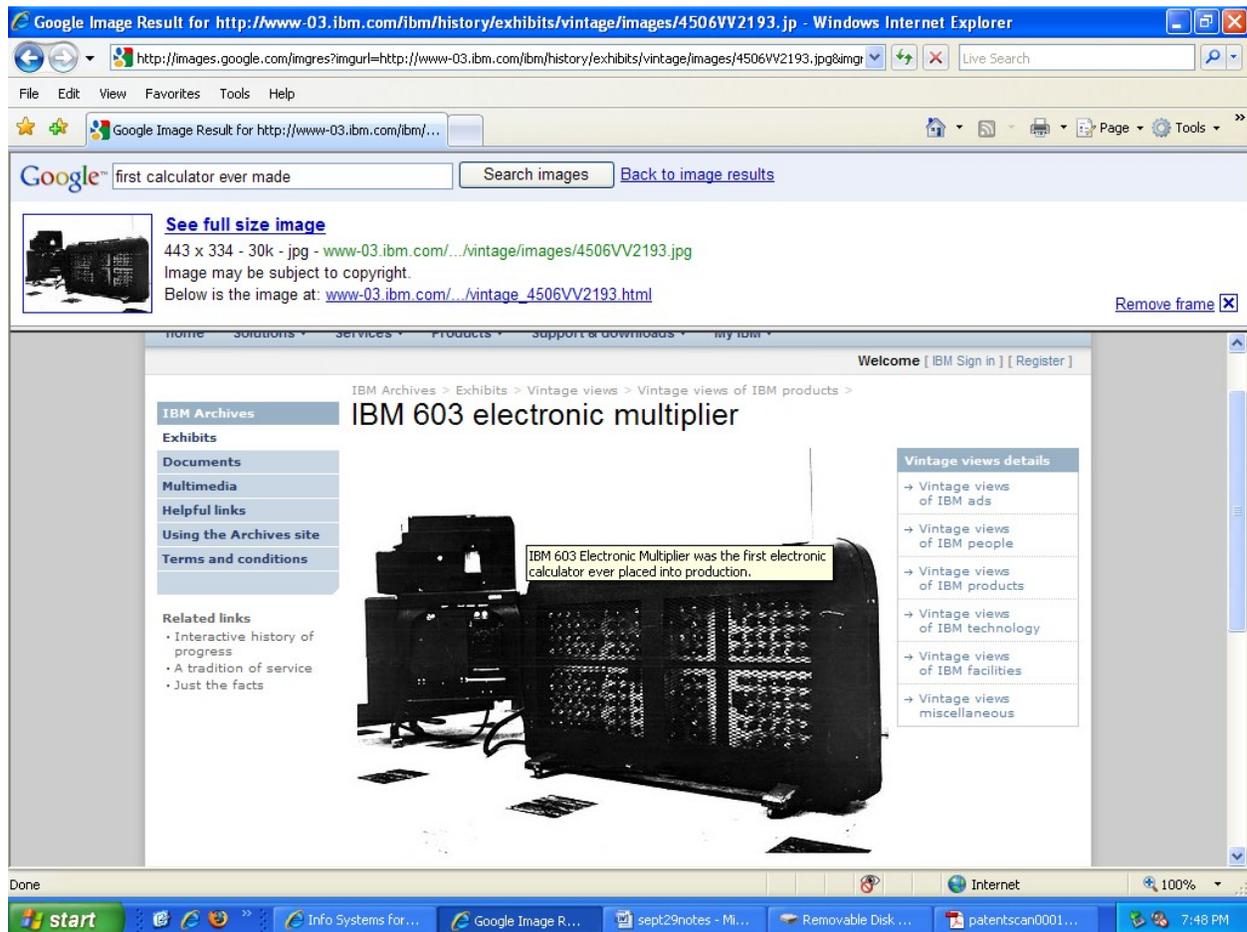
The time period for reply, if any, is set in the attached communication.

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“Every piece of hardware can be software”, quote Dr. Ebrahimi. Software

The first computer was really a calculator.



How do you find the calculator on your computer?

-Go to Start Menu, All Programs, Accessories, Calculator.

Remarks

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Web VPCL uses a web base approach as a media to outreach educators and learners, making teaching/learning of programming via plans accessible and convenient. A user of Web VPCL can add a new plan to the library of existing plans and making their experience known to the other, promoting innovation and creativity. Web VPCL is a system and method dedicated to teaching and learning programming resulted from my experience of nearly three decade of teaching programming to novices.

Teaching and learning Programming has been a difficult task and lesser individuals are pursuing the field of programming. Web VPCL enhances and changes the field of programming by use of the programming plan visualization, plans integrations, the use of existing plan library with a language constructs help, in addition to incorporating it with all three skill levels of teaching and learning.

The system and method by Hopkins (US Patent 6,687,485) is a general web based training which does not claim, show or disclose a system or method for teaching and learning programming with plan integration which has three levels of teaching and learning from basic to advanced level and library of plan with a language constructs. The system and method by Hopkins is not plan oriented and does not have a library of plan

To outreach novice programmers and making make Web VPCL available through the web by managing the complexity dimension and incorporating, web hosting, page design, programming plans, plan integration techniques as well as handling the novice errors.

Web VPCL helps the learner at the early stage of programming to detect the problem by the way of plan integrations and directing the user to the proper rehearsal.

The third phase of Web VPCL promotes novelty and creativity by creating a new plan that can from the existing plans. The plan in the library promotes innovation and new findings as new search techniques or sorting techniques becomes more desirable in the field of programming. Web VPCL skill level ranges from basic problem solving to an intelligent problem plans, adding to novelty and non-obviousness of VPCL.

I would like to delete the claims 35(last claim)

23rd Class

Menu:

1. Review
2. Strategy for Assignment 2: Due on Monday

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These are class notes taken by a student I had a previous semester, that correspond with your assignment for this module. They are not necessary but some students find them helpful.

- Summarize each chapter into one page answering the theme question.
- **Major reference is the book, Introduction to Information Systems.**
- **If you see something in the module 1 article that is significant, address it and use the citation.**
- **Look at the topics in chapter 1 & 2 and look for an article that supports it. (Use the Old Westbury library database/Scholar Google)**

3. Quiz question submission

4. Question/ Answer

5. Miscellaneous

The theme for the entire semester is “Why should managers become more acquainted with...”

Chapter 1: Information Systems: Concepts and Management

Chapter 2: Digital Economy

Discussion

p.31: Paying for transportation in NYC

Old Economy: New Yorkers have been using tokens for more than 50 years for bus and subway transportation. The tokens replaced cash, thereby eliminating long waiting lines. However they cost more than \$6 million per year to manufacture, collect and process.

New Economy: Bus and subway riders now use MetroCards, which are offered at discounts.

By integrating the technology into your system and organization, managers are able to reduce the cost and customer dissatisfaction.

p.33: Global Economy and Strong Competition

One important pressure that exists for businesses in a global market is the cost of labor, which varies widely among countries. In general labor costs are higher in developed countries like the United States and Japan than in developing countries such as China and El Salvador.

Think global act local.

- This seems to be very limited. Prof. Ebrahimi rephrased it to “Think global, act global”.

Module 3 – Class Notes

These are class notes taken by a student I had a previous semester, that correspond with your assignment for this module. They are not necessary but some students find them helpful.

p.35: Cartoon

It illustrates an “old economy” way of dealing with the issues of globalization.

Quiz is due on September 21, 2009

Leap year:

- *Any year divisible by 400 is a leap year.*
- *Any year divisible by 100 is not a leap year.*
- *If the year is divisible by 4 then it is a leap year.*

```
if (year%400) cout<< “leap year”
```

```
else if (year%100)cout << “not leap”
```

```
else if (year%4) cout << “leap yea”
```

- Written in C++ Programming Language

“Do not question my intelligence.” –Dr. Ebrahimi

The difference between –and- and –or-. If you go to a restaurant and tell the waitress that you want water or coke, if she brings both then it is okay and if she brings one of the choices then it is okay as well. If you only want one you must say that you want water **exclusive or** coke.

Exclusive or just means you want just one of the choices.

The colors in html. The color we use has a code. The code is in binary, no decimal (0-9).

Binary is a 2 digit based using the numbers 0 and 1. But we represent them in hexadecimal.

A hexadecimal is 16 based numerical system. (for more information please look at this link:

<http://mathworld.wolfram.com/Hexadecimal.html>)

Examples:

00 00 00 –black

00 00 ff –blue

00 ff 00 –green

ff 00 00 –red

ff ff ff -white

24th Class

Module 3 – Class Notes

These are class notes taken by a student I had a previous semester, that correspond with your assignment for this module. They are not necessary but some students find them helpful.

Today's Menu

1. Today we are going over the Assignment:

Write about ethics, privacy, and security. How are they integrated in the information systems? Write about the features, problems, errors, etc; one page excluding the references. Follow the same format as the article.

2. Prof. Ebrahimi will allow the students to work on their assignments during class. He will walk around the class and help students individually with any questions or concerns in regards to the paper.

3. *This is the new announcement posted on the Angel website:*

Hello and I hope you are doing well and active in the module 3 with reading material, chapter 3, assignment and discussion. Again I would like to remind you the importance of being active in the class discussion and to let me keep in touch with me at earliest possible when you have concerns. Remember if you are plan to get 100 for the assignment you must follow the format and with 2 more references to support the materials under the discussions. Try to make your reference current as much as you can and from a credential sources such as academic journal publications and articles rather than web pages.

**Best
Dr. Ebrahimi**

4. Assignment #2: How to assess yourself. The theme of the semester is “Why managers should be better acquainted with information systems?”

We reviewed the themes of chapter 1, 2 and 3 and how the individual themes relate to the main theme of the semester.

In chapter 2 we spoke mainly about business pressures and Porter's view. Be sure to mention these topics in your one page assignment for Module 2.

Module 3 – Class Notes

These are class notes taken by a student I had a previous semester, that correspond with your assignment for this module. They are not necessary but some students find them helpful.

Reminder: One page paper with “0” references is a *75 grade*.

Module 3 – Class Notes

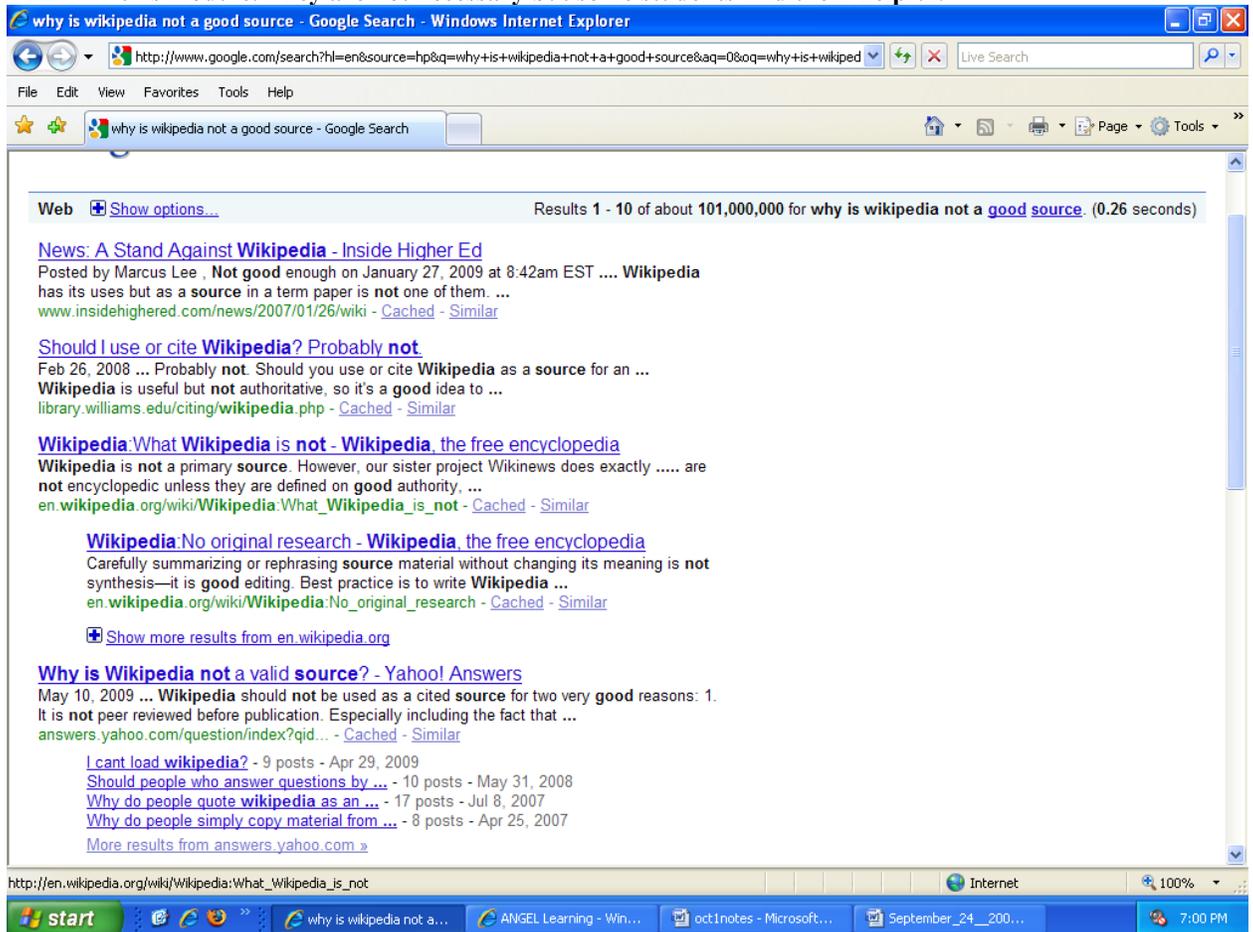
These are class notes taken by a student I had a previous semester, that correspond with your assignment for this module. They are not necessary but some students find them helpful.

With 3 valid citations your grade will go up by *15 points*. Remember to use sources with

credibility. DO NOT USE WIKIPEDIA!

Module 3 – Class Notes

These are class notes taken by a student I had a previous semester, that correspond with your assignment for this module. They are not necessary but some students find them helpful.



*To get 100 on the paper you *must* use current sources from academic journals and articles. Be creative and unique in your introduction and conclusion and be sure to make it publishable! Do not make the conclusion all about your own opinion: do not say “I think”. Be implicit not explicit!

We worked on correcting Deborah’s paper. After making some corrections Professor Ebrahimi graded her paper with a 90. When she submits it after corrections are made she can get a 100! Her assignment as is will be extra credit for Deborah!

Module 3 – Class Notes

These are class notes taken by a student I had a previous semester, that correspond with your assignment for this module. They are not necessary but some students find them helpful.

When you submit your paper do not name the file with any upper case characters, spaces, dashes, periods, etc.

25th Class

Today:

1. Prof. Ebrahimi will help us work on our assignment.
 - Theme: Why managers should be better acquainted with Information Systems?
 - Chapter 1: *Why managers should be better acquainted with the concept of Information Systems and Management?*

What kind of Information Systems should managers deal with?
 - Chapter 2: *Why managers should be better acquainted with Digital Economy?*

Business Pressure, Porter's View
 - Chapter 3: *Why managers should be better acquainted with Ethics, Privacy and Security?*
 - One page will give you an automatic 75 points. Three supporting citations will add 15 more points and the rest will be allotted to organization of thoughts and content. **DO NOT USE WIKIPEDIA.** To get 100, use a current academic journal as one of your sources.
 - Make your article unique, publishable and current. Do not make a conclusion that starts with "I think..." or use your own opinion. Do not introduce more problems or topics on your conclusion; end your thoughts by summarizing everything you wrote.
 - Try to have current reference.
 - Try to avoid using a website as a source. It is very complicated to cite it.

26th Class

Module 3 – Class Notes

These are class notes taken by a student I had a previous semester, that correspond with your assignment for this module. They are not necessary but some students find them helpful.

Today's Plan –

FYI!...CYBER BULLYING... New Movie coming out soon to make students, parents and teachers aware of Online Harassment.

The screenshot shows a Windows Internet Explorer browser window. The address bar contains the URL: <http://wcbstv.com/local/cyber.bullying.sticks.2.1229375.html>. The page title is "Cyber-Bullying Movie Hits Home For High Schoolers - wcbstv.com". The main content area displays a news article with the headline "Cyber-Bullying Movie Hits Home For High Schoolers" and a sub-headline "Filmmakers Hope To Make Students, Parents, Teachers Aware Of Dangers Of Online Harassment". The article is dated "Oct 6, 2009 6:11 am US/Eastern" and is reported by Christine Sloan. A video player on the right side of the page shows a woman's face with a play button overlay. The browser's taskbar at the bottom shows several open applications, including "SUNY College at...", "Info Systems for...", "Cyber-Bullying M...", "Microsoft PowerP...", and "Document1 - Micr...". The system clock shows "6:42 PM".

Review for Module 3

*We went through the discussion of another one of Professor Ebrahimi's classes.

"Human errors can occur in the design of the hardware and/or information system"

Although errors can occur this is actually pretty scary and dangerous especially when it involves secure information regarding the general public. For example I was reading an article where a hospital in VA was sued by patients. The hospital created a website which allowed mothers who pregnant to upload and store information regarding their visits. Apparently, something went wrong and when one of the patients press "Back" on the web browser the system displayed the social security numbers of all the patients. When the hospital was made aware of this issue, they referred back to the design of the

Module 3 – Class Notes

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application. There has to be a way for organizations to run quality test to ensure such problems don't exist.

Worms are destructive programs that replicate themselves without requiring another program to provide a safe environment for replication.(P73)

[*Dr. Ebrahimi wants to tweet on twitter.com!!](#)

We talked about security and privacy in class today.

If I delete a file, is it possible to retrieve it, if so how?? Yes and No.

Yes, because every time we store information we are taking up space. Even if we delete the information we are not erasing it, we are just denying access. The space is there but it is not accessible. When the space is occupied by other information it is no longer retrievable.

* If you have ever been in a casino, you know that cameras are everywhere and casino security is monitoring your every move and bet. Your face is being scanned, background and checks are preformed. AC and Mohegan Sun or nothing compared to Las Vegas. What interests me from a business point, was an idea that uses this same type of technique, in the movie Minority Report. In one scene, Tom Cruises character walks into a GAP clothing store. Immediately his eyes are scanned, there are no physical sales associates but virtual ones. Upon completion of the scan, his entire purchase history is analyzed in an instant and the computer automatically makes recommendations for products that he might be interested in. You would think that something like this would be slowly introduced into the market place since the movie came out. But there are many privacy concerns attached to this. In the movie, all could see what you have bought; I mean would you really want someone else around you shopping as well to know what you are interested in?

In Module 4, Chapter 4 Databases are discussed. Be sure to discuss why managers should become more acquainted with databases and data management.

Ryan let's have lunch!

We reviewed Ruth's Module 3 paper in class and went over how she could improve her grade.

FYI: E is the highest frequency letter used in English!!