Alex Kouthoofd, Luke Cavanaugh, Ashley Lefebvre, Mohammed (Salem) Alikhan, Tim Richards

Roles:

- Alex, Coordinator
    - Manages team Slack
    - Designs diagrams
    - Puts documents submitted by the Editor online via a free server website (or school server, Rocky)
    - Submits assignment documents, url links
    - Provides additional deadlines
    - Editing permissions: all pages
- Luke, Researcher
    - Gathers articles, studies, data specific to each Wiki page
    - Provides short summaries of each article
    - Provides citations for sources in APA format
    - Editing permissions: none, alert Editor or Coordinator of necessary changes, provide citations of where and why the edit is needed
    - Gives articles and summaries of different pages to Writers
- Ashley, Writer
    - Turns articles and summaries into documents
    - Editing permissions: none, alert Editor or Coordinator of necessary changes, provide citations of where and why the edit is needed
    - Submits documents to Editor
- Salem, Writer
    - Turns articles and summaries into documents
    - Editing permissions: none, alert Editor or Coordinator of necessary changes, provide citations of where and why the edit is needed
    - Submits documents to Editor
- Tim, Editor
    - Polishes documents into a cohesive page for the Wiki
    - Executes corrections
    - Editing permissions: all pages, please alert Coordinator of change log, reasons for the changes/who requested change
    - Submits finalized page information to Coordinator for publication

Communication: Slack

Schedule

Major deadlines: March 21st, executive summary
March 28th, halfway point of Wiki
April 11th, Wiki submission (completed)
April 16th, reflective papers

Additional deadlines, per Coordinator:

Topic: Data and Privacy Tracking

Write a short executive summary describing your wiki – act as if you have built this for a company and are explaining the content and introducing it to a non-technical, executive audience.

Also provide a one page guide, or map, to the pages in the wiki. This can be in a form of your choosing: a semantic map, a diagram, a table, a list of contents – however your team thinks the wiki can best be explained and presented.

This text summary should be 400 – 600 words long, is worth 5 marks (group grade).

This paper needs to be submitted through Canvas.

This needs to be written as a formal commercial document.

Links to important information:

Deliverables -
Short Executive summary describing it to non-technical audience. (400-500 words)
1 page guide to pages in wiki (map, tables, diagram)

The topic of our team's proposed Wiki is Data Privacy and Tracking.

Research:

INFORMATION PRIVACY
Information source 1 summary: https://en.wikipedia.org/wiki/Information_privacy
"Information privacy- the relationship between collection and dissemination of data, technology, the public expectation of privacy, and the legal and political issues surrounding them."
Citation:
Information privacy. (2017, March 14). Retrieved from https://en.wikipedia.org/wiki/Information_privacy
Summary: The main talking point of data privacy encircles the issue of sensitive information being collected and/or used. When this information is not secured or breached, this causes privacy issues. Non- authorized entities breaching the security barrier is one of the main problems with today's security.

http://us.practicallaw.com/6-502-0467
Citation:
Jolly, L. (n.d.). Data protection in the United States: Overview. Retrieved from http://us.practicallaw.com/6-502-0467

Summary: This Q&A guide gives a high-level overview of data protection rules and principles, including obligations on the data controller and the consent of data subjects; rights to access personal data or object to its collection; and security requirements. It also covers cookies and spam; data processing by third parties; and the international transfer of data. This article also details the national regulator; its enforcement powers; and sanctions and remedies.

https://www.whonix.org/wiki/The_World_Wide_Web_And_Your_Privacy
Summary:According this article talks about that any web browsers is use can leave digital traces behind which is saved and analyzed by the company to make profile about anybody. According to this article google has 1.5 million servers around world with making profile about the people and sell it. Google makes profit around 7 billion dollars every year just by making profiles and selling to commercial companies. These companies like google and Facebook are collecting data then save it to their database and last processing without any consent also without your knowledge.
Citation:"The World Wide Web And Your Privacy." *Whonix*. N.p., n.d. Web. 20 Mar. 2017.

Page offsprings:
Healthcare records -
https://www.healthit.gov/providers-professionals/faqs/what-electronic-health-record-ehr

Criminal justice investigations and proceedings -
https://en.wikipedia.org/wiki/Information_privacy_law

Financial institutions and transactions -
http://www.pwc.com/us/en/financial-services/research-institute/cybersecurity.html

Biological traits, such as genetic material -
https://www.foley.com/files/Publication/7465587b-5df9-4f85-9969-68ce1b4c39af/Presentation/PublicationAttachment/88ba6035-c031-4ff4-b4e2-6ad15030b17d/PrivacyIssuesintheSharingofGeneticInformation.pdf

Residence and geographic records
Privacy breach
Location-based service and geolocation
Web surfing behavior or user preferences using persistent cookies

DATA SECURITY
Information source 2 summary:
https://www.techopedia.com/definition/26464/data-security

Citation:

Data security. (n.d.). Retrieved from
https://www.techopedia.com/definition/26464/data-security

https://en.wikipedia.org/wiki/Data_security

Data security - “protective digital privacy measures that are applied to prevent unauthorized access to computers, databases and websites. Data security also protects data from corruption. Data security is an essential aspect of IT for organizations of every size and type.”

Examples - backups, data masking and data erasure.*(see page offsprings)* A key data security technology measure is encryption, where digital data, software/hardware, and hard drives are encrypted and therefore rendered unreadable to unauthorized users and hackers.

One of the most commonly encountered methods of practicing data security is the use of authentication. With authentication, users must provide a password, code, biometric data, or some other form of data to verify identity before access to a system or data is granted.

Data security is also very important for health care records, so health advocates and medical practitioners in the U.S. and other countries are working toward implementing electronic medical record (EMR) privacy by creating awareness about patient rights related to the release of data to laboratories, physicians, hospitals and other medical facilities.

Page offsprings:

Data security is also known as information security (IS) or computer security.

Backups - “In computing the phrase backup means to copy files to a second medium (a disk or tape) as a precaution in case the first medium fails. One of the cardinal rules in using computers is back up your files regularly.” http://www.webopedia.com/TERM/B/backup.html

Data masking - Data masking is a method of creating a structurally similar but inauthentic version of an organization's data that can be used for purposes such as software testing and user training. The purpose is to protect the actual data while having a functional substitute for occasions when the real data is not required. http://searchsecurity.techtarget.com/definition/data-masking

Data erasure - Data erasure (also called data clearing or data wiping) is a software-based method of overwriting the data that aims to completely destroy all electronic data residing on a hard disk drive or other digital media. https://en.wikipedia.org/wiki/Data_erasure

A.Kouthoofd, L. Cavanaugh, A. Lefebvre, M.Alikhan, T.Richards

This report provides a basic outline of our group's proposed Wiki focusing on the topic of data privacy and tracking. The purpose of this Wiki will be to disseminate information on data privacy and tracking. The Wiki will be available on the world wide web and open for free public use. We will be using cs.oswego.edu as our free server provider, which will enable us to get the information online and viewable via hyperlink.

A brief overview of data privacy: data privacy encircles the issue of sensitive information being collected and/or used. When this information is not secured or is breached, it leads to privacy issues. Non- authorized entities breaching the security barrier is one of the main problems with today's security. Industries heavily concerned with data privacy and the dangers of breached data include, but are not limited to, health care, criminal justice, and financial institutions. Information commonly collected includes residence and geographic records via location-based service and geolocation, web surfing behavior, and user preferences through the use of persistent cookies ("Information privacy," 2017).

The first main topic page of the Wiki will be titled 'Information Privacy'. Information privacy is the relationship between collection and dissemination of data, technology, the public expectation of privacy, and the legal and political issues surrounding them. Offspring pages linked via hyperlink will include 'Healthcare Records', 'Criminal Justice Investigations', 'Financial Institutions and Transactions', and 'Biological Traits' (such as genetic material). Each offshoot page will include a definition of what the item means, and how the area specifically deals with information privacy, including unique concerns and possible news items regarding privacy breaches.

The main second topic page will be titled ‘Data Security’. Protective digital privacy measures are applied to prevent unauthorized access to computers, databases and websites. Data security also protects data from corruption, and a key concern of information technology departments in organizations of every kind (“Data security,” n.d.). Offspring pages will include ‘Information Security (IS)’, ‘Computer Security’, ‘Backups’, ‘Data Masking’, and ‘Data Erasure’. Each page will include a definition of the title, in-depth analysis of how each security measure works, why and where it is typically used as well as pro/cons of each measure.

Eleven Wiki pages are planned in this outline. Additional pages will be added to define common terms, such as Geolocation, Cookies, and Web Surfing. By final deliverable, the Wiki will come to a total of fifteen to twenty pages.

Citations

Data security. (n.d.). Retrieved from https://www.techopedia.com/definition/26464/data-security

Information privacy. (2017, March 14). Retrieved from https://en.wikipedia.org/wiki/Information_privacy