

SW 1 – OVERVIEW

Part 1

1. E - Commerce

- a) Is a transaction of buying and selling online
- b) “Electronic commerce”
- c) Draws on technology such as mobile commerce, electronic funds transfer, supply chain management, Internet marketing, online transaction processing, electronic data interchange (EDI), inventory management systems, and automated data collection systems.

Bibliography

Wikipedia. (2017, November 13). *E-commerce*. Retrieved November 14, 2017, from Wikipedia.org:
<https://en.wikipedia.org/wiki/E-commerce>

The screenshot shows a web browser window displaying the Wikipedia article for "E-commerce". The browser's address bar shows the URL "https://en.wikipedia.org/wiki/E-commerce". The page features the Wikipedia logo and a navigation menu on the left. The main content area includes a banner for "Wikipedia Asian Month" and the article title "E-commerce". The article text defines e-commerce as a transaction of buying or selling online, mentioning technologies like mobile commerce, electronic funds transfer, and EDI. It also lists various e-commerce services such as online shopping, marketplaces, and B2B electronic data interchange. A sidebar on the right lists related topics like "E-commerce services" and "E-commerce procurement". The Windows taskbar at the bottom shows the system tray with the date and time "10:57 AM 11/14/2017".

2. **B2B**

a) "BUSINESS-TO-BUSINESS"

b) Refers to a situation where one business makes a commercial transaction with another.

Typically occurs when:

- I. A business is sourcing materials for their production process
- II. A business needs the services of another for operational reasons
- III. A business re-sells goods and services produced by others

Bibliography

Wikipedia. (2017, November 2). *Business-to-Business*. Retrieved November 14, 2017, from Wikipedia: <https://en.wikipedia.org/wiki/Business-to-business>

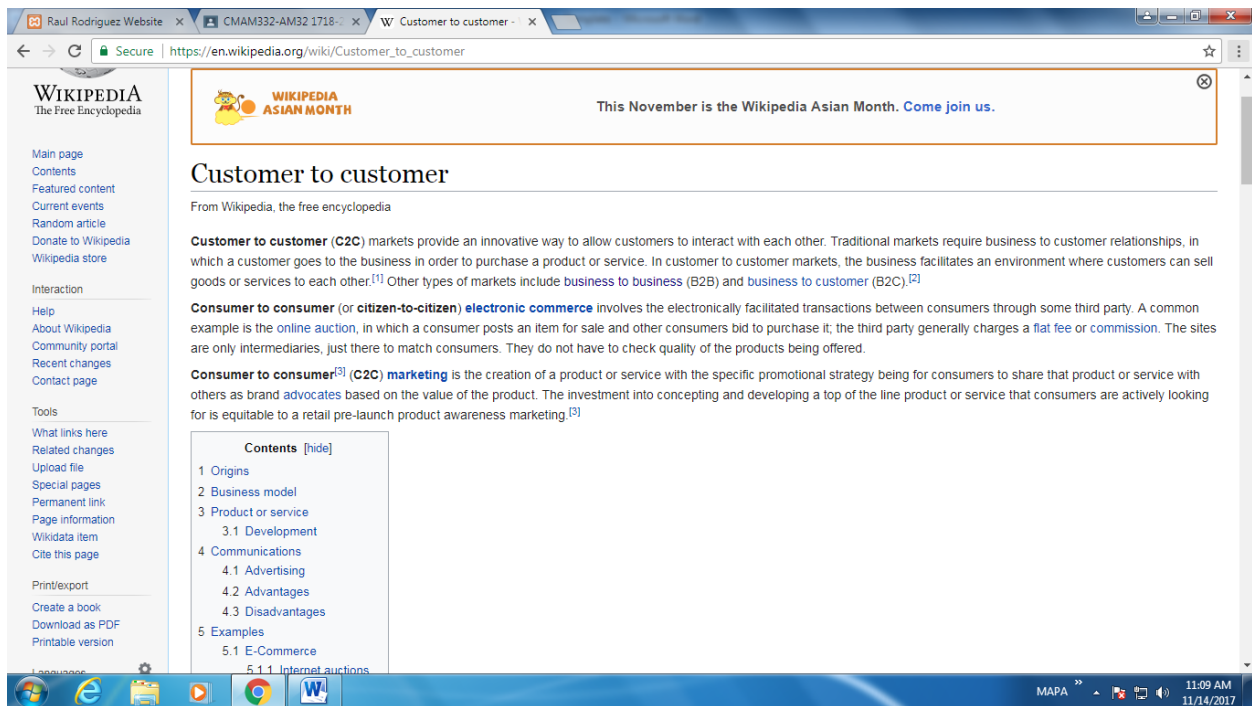
The screenshot shows a web browser window displaying the Wikipedia article for "Business-to-business". The browser's address bar shows the URL "https://en.wikipedia.org/wiki/Business-to-business". The page features a navigation bar with "Article" and "Talk" tabs, and a search bar. A banner for "WIKIPEDIA ASIAN MONTH" is visible. The article title "Business-to-business" is prominently displayed, followed by the text "From Wikipedia, the free encyclopedia". A notice indicates that the article includes a list of references but has insufficient inline citations. The main text defines B2B as a commercial transaction between businesses and lists three typical scenarios: sourcing materials, operational services, and reselling goods. It also contrasts B2B with B2C and mentions the Enterprise Act 2016 in the UK. A small image of an electronic components district in Guangzhou is included on the right side of the article. The Windows taskbar at the bottom shows the time as 11:04 AM on 11/14/2017.

3. **C2C**

- a) Customers-to-Customers
- b) Electronic commerce involves the electronically facilitated transactions between consumers through some third party.
- c) Markets provide an innovative way to allow customers to interact with each other.

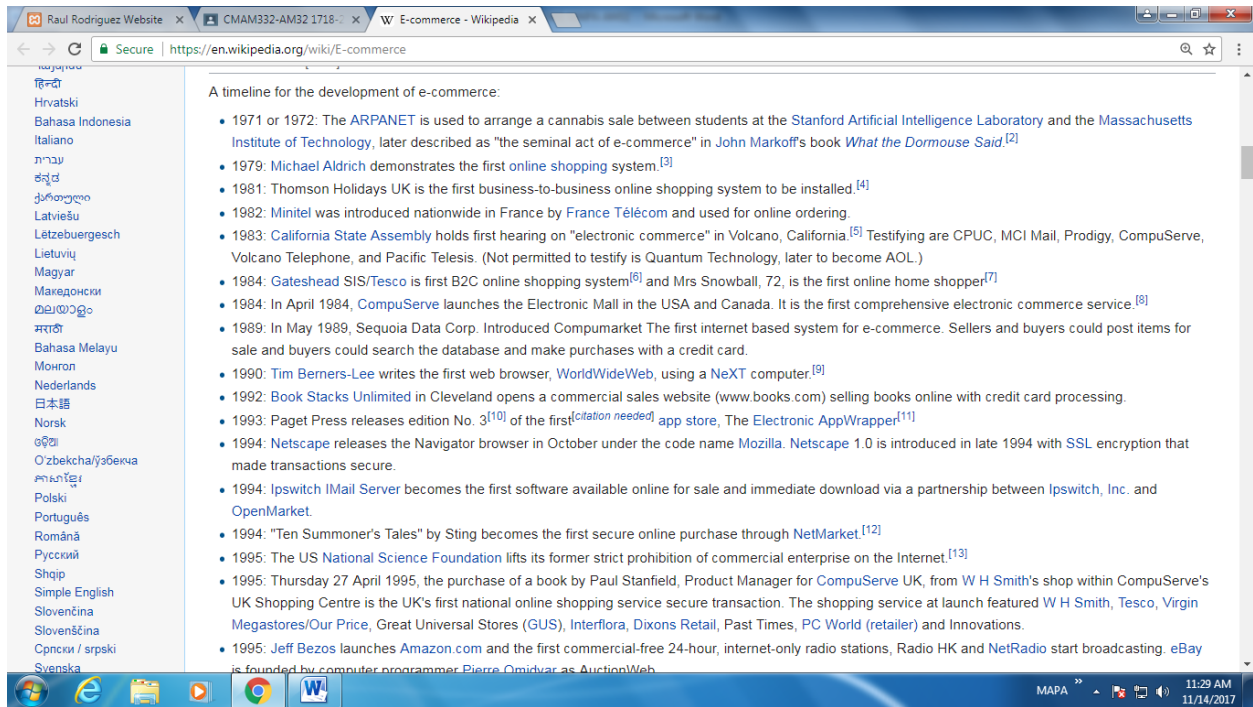
Bibliography

Wikipedia. (2017, November 6). *Customer-to-Customer*. Retrieved November 14, 2017, from Wikipedia: https://en.wikipedia.org/wiki/Customer_to_customer



PART 2 TIMELINE

| <u>Year</u> | <u>EVENT</u> |
|-------------|--|
| 1971-1972 | The ARPANET is used to arrange a cannabis sale between students at the Stanford Artificial Intelligence Laboratory and the Massachusetts Institute of Technology, later described as "the seminal act of e-commerce" in John Markoff's book <i>What the Dormouse Said</i> . |
| 1979 | Michael Aldrich demonstrates the first online shopping system. |
| 1981 | Thomson Holidays UK is the first business-to-business online shopping system to be installed. |
| 1982 | Minitel was introduced nationwide in France by France Télécom and used for online ordering. |
| 1983 | California State Assembly holds first hearing on "electronic commerce" in Volcano, California. Testifying are CPUC, MCI Mail, Prodigy, CompuServe, Volcano Telephone, and Pacific Telesis. (Not permitted to testify is Quantum Technology, later to become AOL.) |
| 1984 | Gateshead SIS/Tesco is first B2C online shopping system and Mrs Snowball, 72, is the first online home shopper. |
| 1984 | In April 1984, CompuServe launches the Electronic Mall in the USA and Canada. It is the first comprehensive electronic commerce service. |
| 1989 | In May 1989, Sequoia Data Corp. introduced Compumarket The first internet based system for e-commerce. Sellers and buyers could post items for sale and buyers could search the database and make purchases with a credit card. |
| 1990 | Tim Berners-Lee writes the first web browser, WorldWideWeb, using a NeXT computer. |
| 1992 | Book Stacks Unlimited in Cleveland opens a commercial sales website (www.books.com) selling books online with credit card processing. |
| 1993 | Paget Press releases edition No. 3 of the first app store, The Electronic AppWrapper |
| 1994 | Netscape releases the Navigator browser in October under the code name Mozilla. Netscape 1.0 is introduced in late 1994 with SSL encryption that made transactions secure. |
| 1994 | Ipswitch IMail Server becomes the first software available online for sale and immediate download via a partnership between Ipswitch, Inc. and OpenMarket. |
| 1994 | "Ten Summoner's Tales" by Sting becomes the first secure online purchase through NetMarket. |
| 1995 | The US National Science Foundation lifts its former strict prohibition of commercial enterprise on the Internet. |
| 1996 | The use of Excalibur BBS with replicated "Storefronts" was an early implementation of electronic commerce started by a group of SysOps in Australia and replicated to global partner sites. |
| 1998 | Electronic postal stamps can be purchased and downloaded for printing from the Web. |
| 1999 | Alibaba Group is established in China. Business.com sold for US \$7.5 million to eCompanies, which was purchased in 1997 for US \$149,000. The peer-to-peer filesharing software Napster launches. ATG Stores launches to sell decorative items for the home online. |
| 2000 | Complete Idiot's Guide to e-commerce released on Amazon |
| 2010 | Groupon reportedly rejects a \$6 billion offer from Google. Instead, the group buying websites went ahead with an IPO on 4 November 2011. It was the largest IPO since Google. |
| 2017 | On march Amazon.com acquired Souq.com the biggest e-commerce website in Middle East (Egypt, KSA and UAE). |



Bibliography

Wikipedia. (2017, November 13). *E-commerce*. Retrieved November 14, 2017, from Wikipedia.org:
<https://en.wikipedia.org/wiki/E-commerce>