



Sales Information System Women's Clothes Based on E-Commerce

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ABSTRACT

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The development of online shopping websites has increased to date. These developments make ideas as well as solutions for writers to participate in economic progress in the world of information technology. E-Commerce is the right choice for business development that is inclusive of buying and selling activities and is also becoming very fierce competition for businesses in Indonesia today. E-Commerce in general is an online market for buying and selling activities between business owners, customers, and visitors through the internet. As for the increasing trend of Muslim women's clothing that more and more types and models make the writer want to combine these ideas to create a web E-Commerce. Web-Based Muslim Clothing Sales Information System E-Commerce chosen by the author is designed using the Java programming language, which is a high-level object-oriented programming language, using the waterfall model which has steps - Analysis of software requirements analysis, system design programming, testing and supporting and maintaining. In this method, the program is designed because this method is very easy to implement.

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1. Introduction

The development of online shopping websites is increasing every day. The process of buying and selling goods online has also become one of the interests of modern society today. No wonder E-commerce is a good concept for developing a business in the internet world. With the large number of social network users and a very high level of Indonesian consumers, this is an excellent opportunity to open a business in the digital electronic field. So far, clothing sales are generally still done conventionally.

In addition, sales are still limited to an area only and require customers to come to the store to make purchases. In searching for a product, it also requires extra effort to find and make price comparisons. This is very impractical for someone who has limited time to shop directly to the store. Conventional sales also lead to a lack of promotion of goods offered to customers. E-commerce is the buying, selling, and marketing of goods and services through electronic systems such as television, radio, computer networks or the internet. It can also be defined as a way of shopping or trading online or direct selling that utilizes internet facilities where there is a website that provides get and delivery services [1].

E-Commerce is a platform for buying and selling goods or services via computers and internet networks. The application of e-commerce is carried out in many developing countries and has succeeded in increasing productivity, reaching a wider market, and better sales opportunities, thereby also increasing global competitiveness [2].

Online selling is the distribution, buying, selling, marketing of goods and services through electronic systems such as the internet or television, www, or other computer networks. E-Commerce or online sales involves electronic funds transfer, automated inventory management systems and automated data collection systems [3].

The online shopping concept promises many conveniences and advantages when compared to conventional or traditional shopping concepts. Judging from the business situation, the opportunities and conveniences presented by the online sales system now, the online shopping concept is very beneficial for business owners. Here, the author plans to create a system and explore the online market which is now increasingly popular with the public, especially the upper middle class and also the lower middle class.

2. Theoretical Review



2.1 Basic Concepts of the Web

The term web is familiar to those who frequently surf the world the internet, because with the web they can find any information they want.

The web is the visual part of the internet. Web like television, CB radio (Citizen Band), post office, magazine, bulletin are all covered in it. This means that accessing the internet is something that is easy to understand and interesting. The web is now a very rapidly developing part of the internet[4].

2.2 Website

Website is a place for storing data or information that is presented with a specific topic. Each topic is made a link to go to a page that provides complete data or information[5].

2.3 Web Browser

Web browser is software that is used to open the web on the internet. There are so many kinds. Each has advantages and disadvantages. The web browser also adapts to the operating system used by the computer. For example, to run on Windows, Linux and can run on mobile operating systems. Of course the requirements and performance will also be different. For example, for an operating system that runs on a mobile device, the capacity is small. In contrast to the operating system running on a PC[4].

2.4 Web Server

Internet users should ideally be familiar with web servers. When an internet user opens or accesses a certain website address through a browser, the user is automatically connected or using a web server[6].

2.5 Information

Information is the result of processed data that is useful for information users. Also included in this information activity are preparation of printing reports, checking the results of information before publication to users, and activities to disseminate the information to the users concerned[7].

2.6 Sales Cycle

The Sales Cycle is a series of sales activities that occur repeatedly and is followed by a process of recording business data and information. The series of activities in the sales cycle begins with the activity of receiving orders from customers, followed by activities of preparing goods or services ordered, followed by delivery of goods (delivery of services), preparation of invoices, collection of accounts receivable, and ends with receiving payments for tagihan (receivables). the customer. It is called a cycle, because it is rotating and repetitive, starting with receiving orders and ending with receiving invoices, returning to receiving orders and ending again with receiving bills, and so on, the activity takes place repeatedly[7].

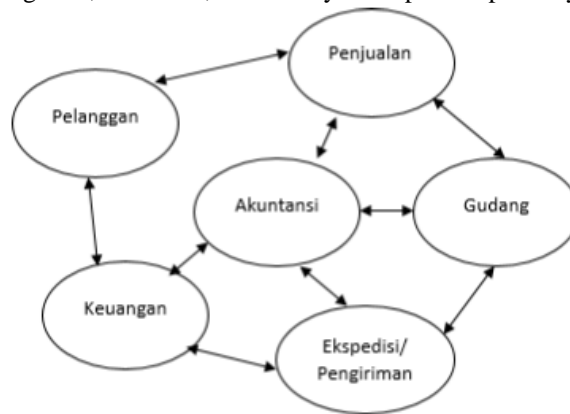


Fig 1. Related Functions in the Sales Cycle
Source : Ardana & Lukman, 2016

2.7 E-Commerce

E-commerce is the distribution, buying, selling, marketing of goods and services through electronic systems such as the internet. E-commerce involves electronic fund transfers, electronic data exchange and automated data collection systems[8].



3. Result and Discussion

3.1 Use Case Diagram

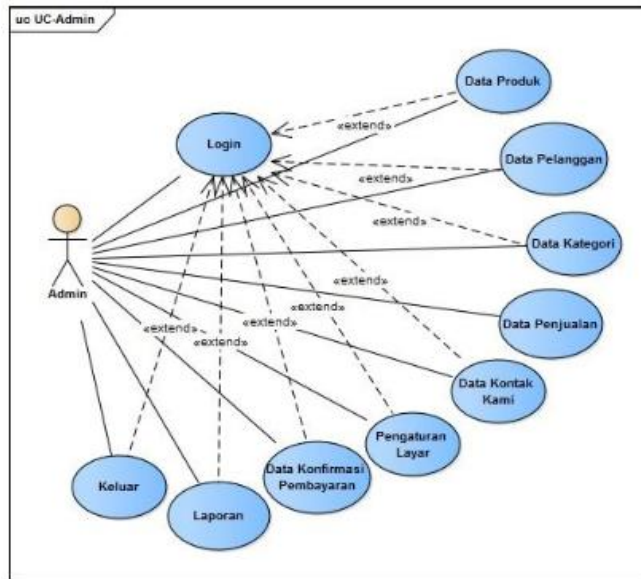


Fig 2. Use Case Diagram Admin

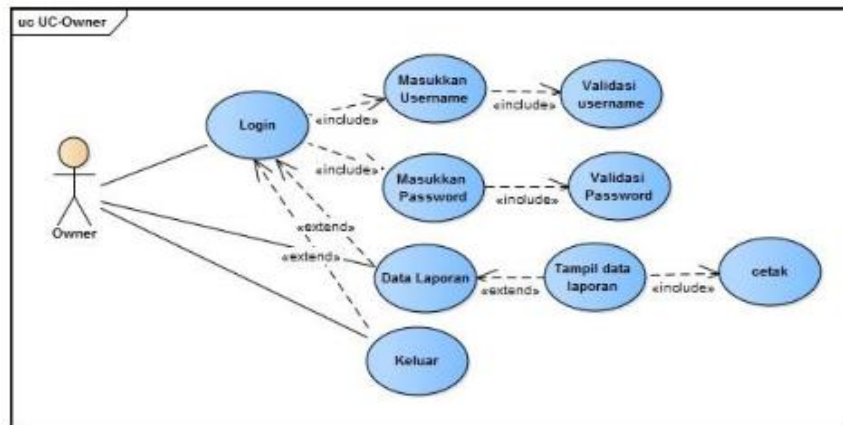


Fig 3. Use Case Owner

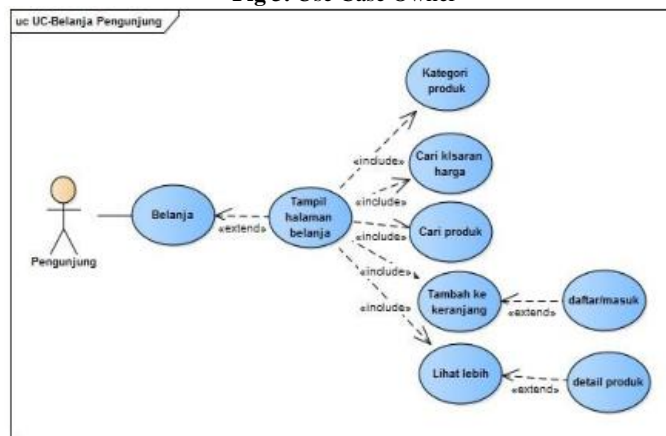


Fig 4. Use Case shopping visitors

3.2 Navigation Structure

Dengan adanya informasi yang tergambar dalam bentuk struktur navigasi, akan membantu dalam menggambarkan isi dari setiap halaman dan link atau navigasi antara halaman-halaman di dalam website tersebut.

3.4 Logical Record Structure (LRS)

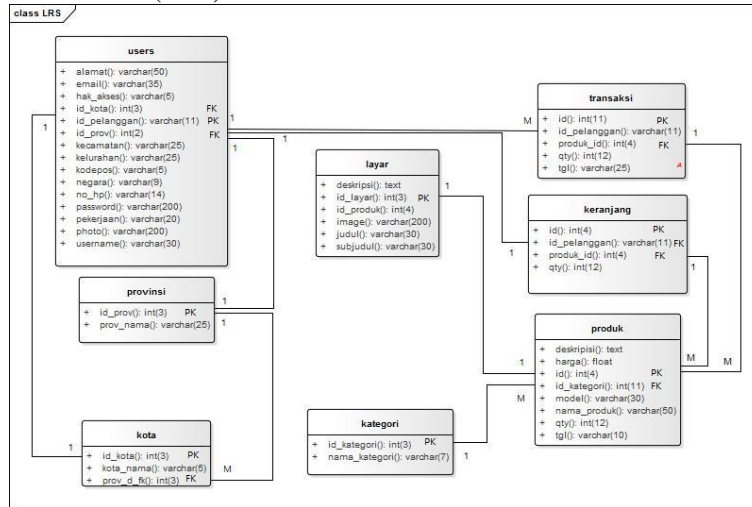


Fig 7. Logical Record Structure

3.5 Visitors Interface

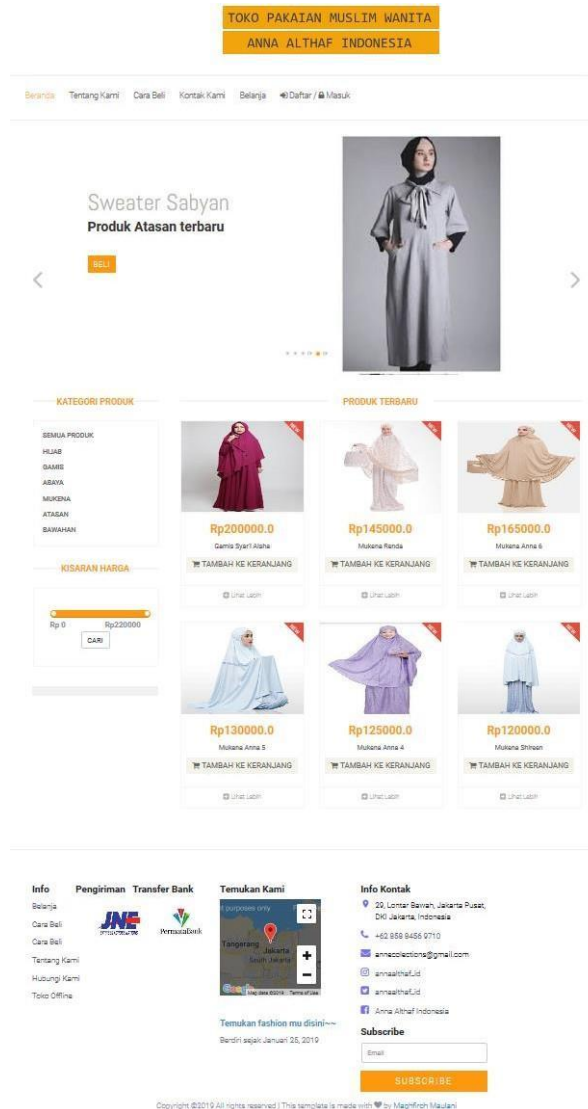


Fig 8. Visitors webpage

4. Conclusions

Thus the discussion regarding the Muslim clothing sales information system e-commerce web-based women. In general, it can be concluded as follows:

- a. Web-based information system for women's Muslim clothing sales at this shop can make it easy for customers to process transactions purchase.
- b. This web-based sales information system can make it easy for the shop in recording sales transactions, processing data goods, payment confirmation, so that of course it is more effective and efficient produce precise and accurate sales reports.
- c. This web-based sales information system can increase knowledge about the sales information system website, as well as a media promotion for more easily recognized by the public.

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