



Cattle E-Reservation Application Design Trading in PT. Holy Grace Cholis

Fila Anggraeny

Faculty of Science and Technology, State Islamic University Sharif Hidayatull, Indonesia

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ABSTRACT

E-Reservation Application Design Cattle Trading At PT. Holy Grace Cholis. Supervised by Mr. Zainuddin Bey Fananie, M.Sc and Mrs. Arini, MT. The Rahmat Suci Cholis Company was founded in 1996. This company is engaged in beef cattle sales. This company also does marketing directly to the sale of cattle. Currently the system that runs is still manual, has many weaknesses causing the company's performance to be hampered and has not been able to support all the needs of the company. For this reason, in making it easier for companies to place orders, make payments, online and recording sales reports are analyzed and designed a e-reservation application system that can provide the required information by the company. The use of this system is divided into 2 main accesses, namely for the financial admin section and the owner (company owner). Development tools used in this research by using PHP as the language programming and MySQL as the database. Designing and designing systems This e-reservation application uses the Rapid Application Development method (RAD) and Unified Modeling Language (UML) as modeling tools. The final results achieved from the creation of an e-reservation application can be make it easier for companies to place orders and payments through PayPal system, so that it can make it easier for customers to order and online payment through the PayPal system. With this system too can increase company profits

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Corresponding Author:

Fila Anggraeny,
Faculty of Science and Technology,
State Islamic University Sharif Hidayatull, Indonesia
Jl. Ir H. Juanda No.95, Cemp. Putih, Kec. Ciputat Tim., Kota Tangerang Selatan, Banten 15412, Indonesia
Email: filaangrea@gmail.com

1. INTRODUCTION

The development of information technology is growing rapidly, this is indicated by the increasing need for information, as in education, social, economic, cultural and so on. along with the rapid development of information technology, has also emerged various media for presenting information that can provide convenience for users to access various information quickly and accurately, such as online ordering (e-Reservation).

The internet is a technology that has a very wide reach and supports it as a medium of interaction. The use of internet technology in marketing a product is very helpful for producers or companies in selling or marketing their products to the wider community. With the use of the internet, it is hoped that the company will be able to make a new breakthrough in creating the dynamics of data and information packaging.

PayPal is an internet business that provides transfer services money among e-mail users, avoiding traditional methods that using paper such as checks and money orders. (W. Imanto, 2009: 1). PayPal is one of the means of payment (Payment processors) using the most used and safest internet in the world.

PT. Rahmat Suci Cholis is one of the companies engaged in sales, especially beef cattle. In the process of payment at PT. Rahmat Suci Cholis does not yet have a computerized and integrated marketing and payment system where business functions in the company are still carried out

manually. The process is still carried out manually. Delays in the processing of orders are also often found because communication between parts of the company does not go well so that the information running in the ordering and payment systems is not effective and efficient, the use of information technology is also still done manually. Along with the increasing number of customers, there is a need for technology. Through an online payment system implemented with PayPal so that it can increase the competitive value and be more advanced than the competitors of PT. Holy Grace Cholis. In addition, the ordering and payment system will also increase the efficiency of human resources, so there is no need to involve many people in the ordering and payment process for purchasing beef cattle. Based on the description above, the writing of this thesis takes the title "Design of E-Reservation Cattle Trading Applications at PT. Holy Grace Cholis". It is hoped that with this system, customers can be more efficient and effective in the process of ordering and paying for cattle at PT. Holy Grace Cholis.

2. RESEARCH METHOD

2.1 Method of collecting data

For the preparation of this thesis, required data related to the title, namely "Design of e-Reservation Cattle Trading Applications at PT. Holy Grace Cholis". In collecting data, the authors do:

- a. Literature Study Finding and obtaining information as data from books obtained from libraries, bookstores, and so on. His books include:
 - 1) Title : Getting to Know E-Commerce
Author : Onno W. Purbo
Publisher : PT. Elex Media Komputindo
 - 2) Title : System Analysis and Design.
Authors: Kendall and Kendall
Publisher : PT. Prenhallindo
 - 3) Title : Visual Modeling with UML
Author : Munawar
Publisher : PT. Graha Ilmu
- b. Field Study
 - 1) Observation
In this observation, the author collects and examines the data obtained by direct reviewing the use of the system which was carried out in: August 2009 - November 2009 with the location:
Places used as research objects:
Company Name : PT. Holy Grace Cholis
Address : Jl. Green Sareang No. 32 Rumpin, Bogor.
 - 2) Interview
While in the interview, the author asked directly to interested parties in the form of questions. The author's complete questions are in the appendix, while some of the questions are as follows:
 - a) What are the procedures in the beef ordering system at PT. Holy Grace Cholis ?
 - b) What are the obstacles encountered in the running system?

3. RESULTS AND DISCUSSIONS

3.1 Overview of PT. Holy Grace Cholis

PT. Rahmat Suci Cholis is one of the companies engaged in the sale of beef cattle on the island of Java. PT. Rahmat Suci Cholis was established in 1996, in 1997 PT. Rahmat Suci Cholis in collaboration with PT. Prima Indonesia in the supply of beef cattle which is located in Rumpin, Bogor. This company provides several types of beef cattle that will be sold, especially for the Java Island area, in supplying beef cattle to PT. Rahmat Suci Cholis provides and sells cattle from abroad (BX Cattle), domestically sourced cattle from various regions in Indonesia (Javanese Cattle, Kupang Cattle and Bali Cattle).

3.2 Organizational structure of the company

The organizational structure is a picture that describes the type of company organization and types of authority, fields and work relationships, lines of command and responsibility, and the organization's leadership system. The organizational structure is made to improve work efficiency and work effectiveness in company management and is determined by the leadership as a framework for doing work, so as to create employee placements or employees according to their abilities.

3.3 Running System Analysis

Based on observations and interviews conducted in the previous stage, the authors can analyze the system that is currently running on the beef ordering system at PT. Holy Grace Cholis.

Table 1. Solution for Running System Problems

NO	Problem	Solution
1	Limited booking service. Because consumers can only obtain information about cows by coming directly to the farm (pitlot).	By building a system web-based ordering where to use online the system displays the type of cow automatically details from how to order beef to ways to make payments.
2	Limited scope of marketing area.	E-commerce application development web-based which is used online so that everyone there throughout Indonesia can access this application and can do order through several procedures in the system.
3	The use of a program that is still manual allows data errors to occur in performing ordering data search problems	Making programs that computerized and supported by reliable database in data storage and retrieval booking

Implementation Phase At this stage, the system is tested and introduced to the system. The author uses a testing method with a black box testing approach. By doing testing without looking at the source code of the program and run by the tester or user to observe whether the program has received input, processed, and produced output, and it turns out to be running correctly.

Table 2. Application Testing Results with Black Box Testing

No	Process Design Expected Results	Expected results	Results
1	Click the Customer Login menu	Enter the Login page, fill in name and password	✓
2	Click the Home menu	Enter the home page.	✓
3	Click the Cow List menu	Go to the Cattle List page.	✓
4	Click the Add to Cart menu	Enter the Order page multiple in one transaction.	✓
5	Click the Buy Now menu	Go to Purchase page cattle in one transaction.	✓
6	Click the Company Profile menu	Go to Profile page company.	✓
7	Click the Contact Us menu	Enter the Contact Us page	✓
8	Click the Admin Login menu	Enter the Login page, fill in name and password.	✓
9	Click the Admin Customer Login menu	Enter the Admin page Customer to edit or delete customer data.	✓
10	Click the Admin Cow menu	Go to admin page cow to update the price beef or add the list of types of cattle can be found in web.	✓
11	Click the Payment Info menu	Enter the Info page Payment.	✓
12	Click the Login Owner menu	Enter the Login page, fill in name and password.	✓
13	Click the Confirm menu Payment	Enter the Confirmation page payment via transfer.	✓

4. CONCLUSION

From the discussion that has been described, the author tries to draw conclusions is E-Reservation Cattle Trading business process can be done easily with this application. This system has the convenience of marketing and selling company-owned cows with the process of buying and selling cattle, namely via transfer and via paypal online. Paypal which functions as an online payment tool can be an intermediary between the seller and the buyer. This system can be easily integrated with paypal as a form of implementation to make it easier for customers to pay cattle online

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