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# WEDDING INVITATION BOOKING INFORMATION SYSTEM AT PEARL PRINTING WEB-BASED

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**ABSTRACT**

Writing this final project aims to assist in how to design an application Mutiara Printing is located on the North Sumatra, Labuhanbatu Regency, the printing company is engaged in printing. During this time Mutiara Printing hose the order using the method of showing the type of invitation that is available so that many places are used. This information system uses the waterfall model and is built in the programming language Php and Mysql. Program design is made using the UML (unifed Modeling Language) method.Ordering is an activity carried out by consumers before buying. To realize customer satisfaction, the company must have a good ordering system. And the purpose of ordering is to maximize service for consumers, minimize investment in inventory, capacity planning. Inventory, etc.



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## 1. INTRODUCTION

Increasingly complex technology encourages every individual to access existing needs. Currently is the age of the internet where time and distance limitations are no longer meaningful, because the internet is a global marketing medium, of course in promoting the business that we are doing today. The role of information technology has a huge influence on human life. This happens because of information technology, humans can make anything more effective and efficient[1]. Therefore, it is very necessary to have an application that is procedural, organized and systematic, when it is run it will produce useful and useful information for the organization in managing the organization to achieve organizational goals[2]. Then web-based information systems are very widely used in the current era, because when viewed from the understanding that a website or site can be interpreted as a collection of pages used to display text information, still images or motion, animation, sound and or a combination of all of them, both static and dynamic properties that form a series of interconnected buildings, each of which is connected by a network of pages[3].

Pearl Printing is engaged in printing. So far, Mutiara Printing has chosen to order using the method of showing the type of invitation at the Mutiara Printing so that many use the used place, and the lack of invitation marketing promotions so that the public is less aware of the existence of Mutiara Printing that provides various types of invitations.

## 2. RESEARCH METHOD

Application design can be defined as the preparation of a new application to replace the previous system or as a whole to fix the shortcomings contained in the previous system.

In the application design process, a method is needed that is used as a guideline regarding what way to do the research. The Application Design Method used by the author related to this study is using Unified Modeling Language (UML).

The reason for using the System Design Method is to use Unified Modeling Language (UML), because this method includes object-oriented analysis. Where Object Oriented Analysis focuses on analysis from the side of users or actors as well as people who are directly involved with the application.

This method also explains, designs, and documents the aspects that exist in an application.

a. System Design

System design is a set of activities that describe the process of running a program that can be translated into a programming language. The programming flow explained using the Activity Diagram is as follows.

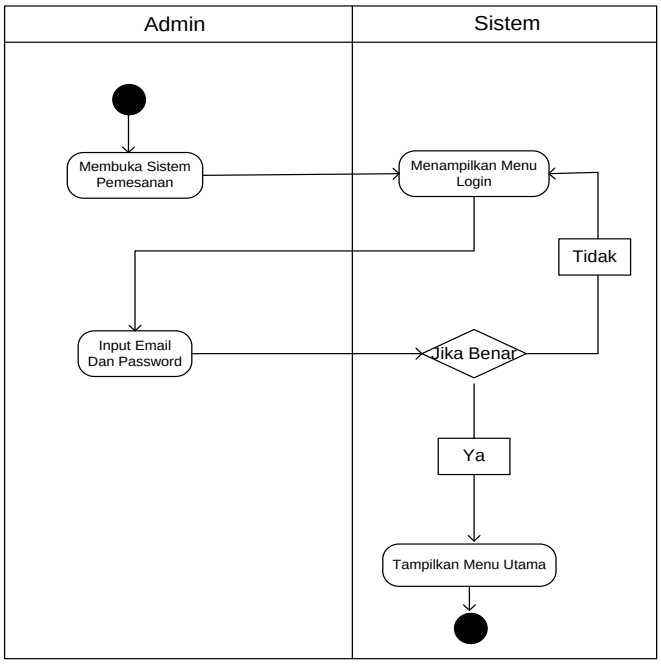


Figure 1. Activity Diagram Admin

b. Class Diagram

Class Diagram which is used to display several classes and a set of data that exists in the system/software that we are using to illustrate the relationships between objects in the database, while Class Diagram is:

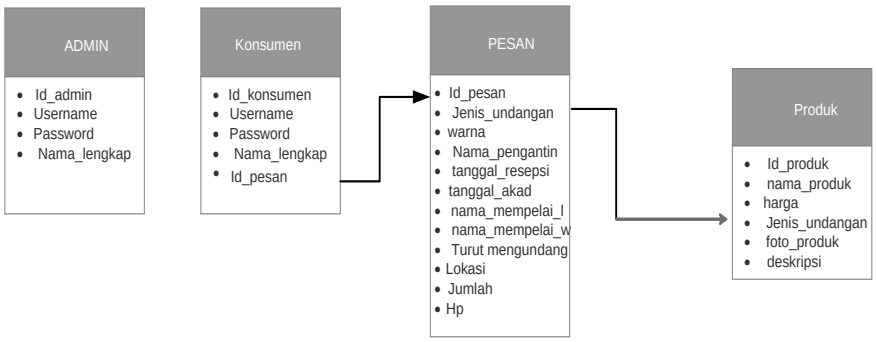


Figure 2. Class Diagram Display

## 3. RESULTS AND DISCUSSION

a. Home Display

A display that displays the products provided by the wedding invitation booking web at Pearl Printing.


Figure 3. Home Display

b. Order Form

The display on this order form is to fill in the orderer's data and invitation data.

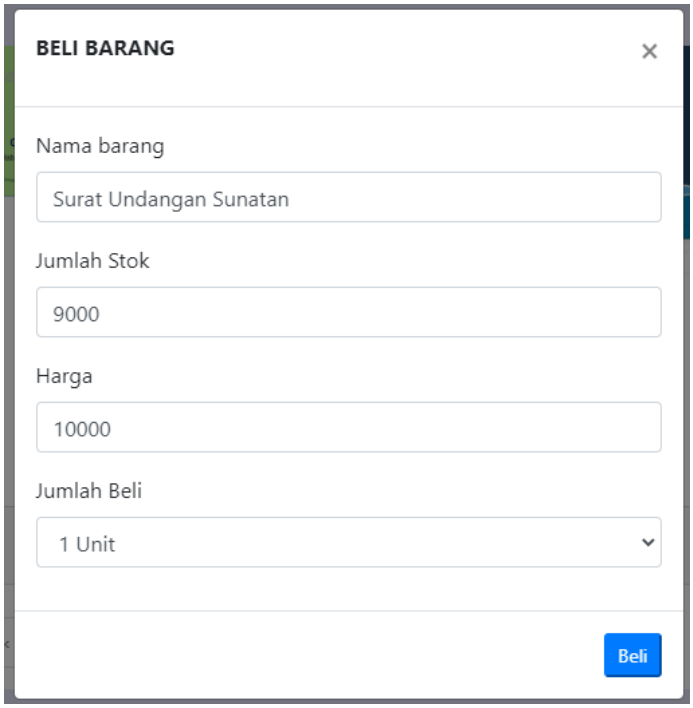


Figure 4. Order Form Display

c. Admin Login View

The admin will first fill in the username and password so that they can enter the admin page to manage the invitation booking website at the Pearl Printing

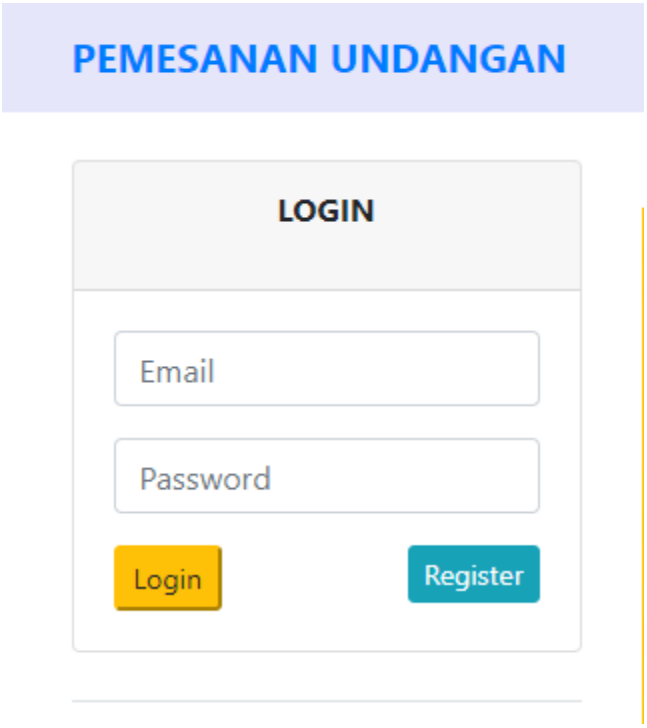


Figure 5. Admin Login Display

d. Admin Order View

On this view, admins can directly see orders that have purchased invitation products.

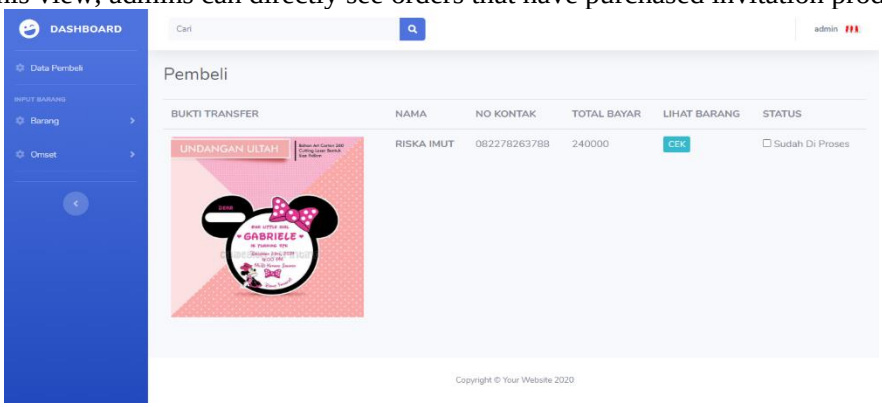


Figure 6. Admin Order Display

## 4. CONCLUSION

Based on the discussion of the chapters above, the author will try to conclude from all the discussions briefly. The following are some conclusions that the author can take, namely with the invitation ordering system at the Pearl Printing Plant, managers can be younger to promote products in invitation orders. Admins can access directly and quickly in the search for invitation data. Bookers can find out quickly in finding invitation information administrators are in charge of managing the booking information website such as managing invitation data.

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