



Small Cash Information Systems And Web-Based Bank Transactions At PT. Sky Alloys International

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ABSTRACT

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Currently, the entry of financial transaction data that is taking place at PT. Sky Alloys International is done manually by financial staff. Financial transactions can only be done on a computer at PT. Sky Alloys International only, so if the financial staff or the person concerned is outside PT. Sky Alloys International, so it cannot make transactions. This is an obstacle for managers, because these data are very important to know the current financial situation at PT. Sky Alloys International. Seeing the problems that occur, it is necessary to make petty cash accounting applications and bank transactions that can help the work of the finance department and managers in viewing financial information. In this application there are accounting logics used to calculate transactions and balances of the account used. The results of this application are financial reports shown to the manager. In the end, this application can help the work of the finance department in entering transactions and managers in viewing financial reports.

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1. Introduction

Currently, the entry of financial transaction data that is taking place at PT. Sky Alloys International is done manually by financial staff, so if the financial staff or the person concerned is outside PT. Sky Alloys International, so it cannot make transactions. This is an obstacle for managers, because these data are very important to determine the current financial situation at PT. Sky Alloys International.

In the case of cash managers and bank financial staff must make reports. When cash or bank transactions are carried out, the financial staff must be really thorough and accurate in carrying out these transactions so that cash or bank transactions do not occur errors in the process. Given the importance of cash management and the preparation of financial reports, it is hoped that the development of new applications will simplify the process of financial transactions. The financial staff can process financial transactions quickly, managers can see the financial situation even though they are not in the office and data maintenance can be done easily. Based on this, the authors conducted a study entitled "Petty Cash Accounting Information Systems and Bank Transactions at PT. Sky Alloys International". The problem formulations of this research are (i) How to make web-based petty cash accounting applications and bank transactions, (ii) How are the procedures for the preparation of petty cash and bank transactions conducted by the financial staff of PT. Sky Alloys International, (iii) How to easily and effectively present petty cash accounting applications and bank transactions. The objectives of this research are (i) To fulfill one of the graduation requirements and to apply the knowledge that the author has been able to do so far, (ii) Make accounting applications to simplify the work of financial staff and managers, (iii) Carry out the process automatically to make it easier financial transaction process

2. Research Method

Waterfall model (waterfall) is the work of a system that is done sequentially or linearly, so if step 1 has not been done, then step 2 cannot be done. If step 2 is not done then step 3 if it cannot be done, and so on. Automatically step 3 can be done if step 1 and step 2 have been done. Broadly speaking, the waterfall has the following steps: Analysis, System Design, Program Code Writing, Program Testing, Program Implementation and Maintenance. Here is a picture of a waterfall model:



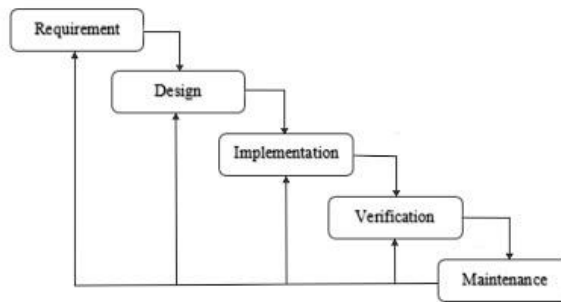


Fig 1. Metode Waterfall

Source: Kadir (2014: 56) Revised Edition Introduction to Information Systems. Yogyakarta: Andi Offset.

3. Result and Discussion

3.1. Needs Analysis

Before creating a system, you should first analyze what needs are needed by using existing methods.

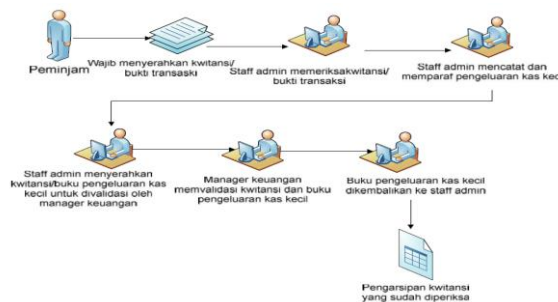


Fig 2. Business process systems that are running

3.2. Desain

Use case diagrams (use case diagrams) are diagrams that present the interaction between use cases and actors. Where actors can be people, equipment or other systems that interact with the system being built. Use case describes the functionality of the system or the requirements that the system must meet from the user's point of view.

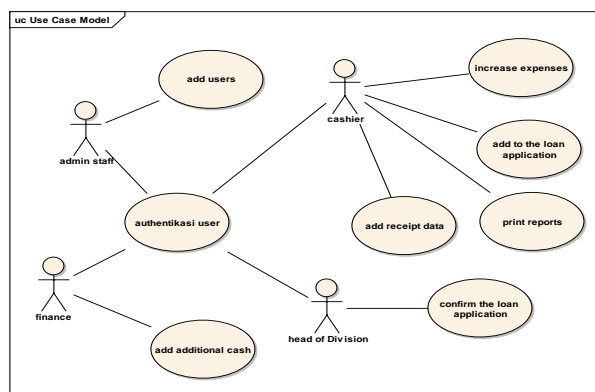


Fig 2. Use Case Diagram

4. Conclusion

In making a petty cash application system requires several designs consisting of usecase diagrams, sequence diagrams and others. for the testing model in this study using the black box testing model.

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