



Archiving Application High Military Court Case I Medan Mobile Based

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ABSTRACT

Application is an indispensable necessity at this time. A company or agency requires the role of information technology in terms of data management, one of which is the management of records. Archive is a recording of activities or events in various forms and media in accordance with the development of information and communication technology created and received by state institutions, regional governments, educational institutions, companies, political organizations and others that support the smooth operation of a company or agency. Information technology systems are needed to speed up the work process, reduce material waste, facilitate management so that archived data is well and regularly maintained in a system, and when data is needed can be found easily and quickly. With the development of increasingly sophisticated technology in the current era of globalization, we need a system that can facilitate all problems. The archiving problem can be overcome by having an application that can be used by the case administrator. Application for archiving that can be reached anywhere while being needed by the case administrator. The application can also make it easier to find data that is needed. At this writing will also explain the stages of research, starting from the analysis process, planning and implementing.

1. INTRODUCTION

Application is a necessity that is very necessary at this time. Some companies and agencies need the role of information technology in terms of data management,

one of which is archive management. Archives record activities or events in various forms and media according to the development of information technology and communications made and received by state

agencies, local government, educational institutions, companies, politicians and others that support the smooth operation of a company as well as agencies. Information technology systems are needed to speed up the work process, reduce material wastage, make it easier to manage so that data archives are well maintained and organized inside a system, and when data is needed, can be found easily and quickly [4].

In data management, applications are, of course, very helpful. Document archives at the High Military Court I Medan must be managed properly and safely, because all the archived data in the agency these are data that must be reported head office. However, because it is still in manual form for compiling case archive documents stored in a storage cupboard, there are still some obstacles and problems [5][6] faced by archive managers with management and maintenance of archive data in High Military Court I Medan. One of them is to make it difficult for the archive manager to find archival documents required.

1.1 Literature Review

Data is the plural of the single form or data item. Data is information that is still in raw form which cannot be told, so it is necessary to be further processing. Data can be defined as the reality described by values of numbers, strings of characters or symbols that carry a certain meaning [2].

1.2 Information System

An information system is defined as a group or set of elements or mutually organized variables interacting and depending on each other. Data is processed through the model into information. The receiver then receives the information. Make a decision and take action, which means to produce another action that will bring some data back.

The data will be captured as input, reprocessed through a model and so on for a cycle. This cycle by Jhon Burch is called the information cycle (siklus informasi) or something mentioning the term cycle data processing (siklus pengolahan data) [1].

1.3. Mobile Application

Applications are a subclass of computer software devices that utilizes direct computer capabilities to do a desired task. Usually, compared to system software that integrates multiple capabilities, computers do not directly apply these abilities to do a task that benefits users. One kind of popular mobile-based application is android applications. Android is a new generation of Linux-based mobile platform which includes the operating system, middleware, and applications [3].

1.3. Archives

Archives come from foreign languages. Greek people say "Archivum", which means a place to store. Often, words are written "Archeon", which means city (place to store documents) about government issues. An archive is any record (script) written, printed, or typed, in the form of letters, numbers or pictures, which has a specific meaning and purpose as a communication and information material, recorded on paper (cards, forms), paper film (slides, film-strips, micro films), computer media (tape tapes, discs, recordings, diskette), photocopy paper, and others.

2. METHODS

2.1 Field Research

This method is carried out directly to object of research and collect data in a way

1. Interview

In this research methodology section, the author immediately asked answer to the filing clerk data about the current system researched.

2. Observation

In this research methodology section, the author makes observations directly in terms of collecting data from system observations which exists.

2.2 Library Research

This library research was carried out by how to obtain data from reading existing books and examples in accordance with object under discussion.

2.3 System Analysis

The analysis of this system is carried out by collect data contained in filing room as a guide for build a system to be made.

2.4 Waterfall Model

This model is used to build up the system so that it may work properly according to the needs.

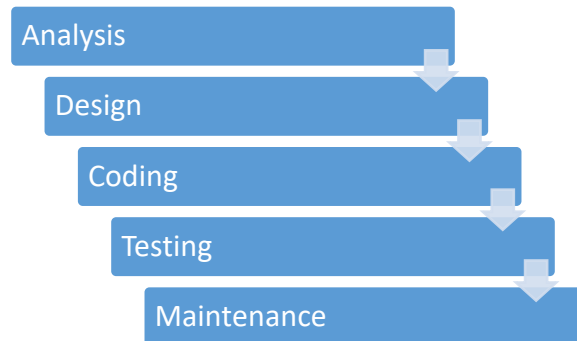


Figure 1. Waterfall Model

3. RESULTS AND DISCUSSION

In the results of this study, the authors will display the results of the system that will be built namely "Archiving Application High Military Court Case I Medan Mobile Based.[7][8] Here is the view system that has been built.

3.1 Login

The display of this login page is view created as page first when the new system is running. Users are required to fill in their username and password if you want to enter the main page system. In this section there is a process checking user data that will enter to the main system page.

3.2 Main

The main page view is page view after user succeed login to the system. This main page

available amount of data contained in the system.

3.3 Archive Data

Archive data display is a view which provides archival data in the form of a table. In this view there are some of the options used for manage the archived data.

3.4 Case Data

The case data display is almost the same with the archive data display that is display case data in a file table, but added an option case data archive in the root data table.

3.5 Report Data

The report data display is a view which contains export data into a report in the form of a PDF file. As for export data options such as period, all data or one data.

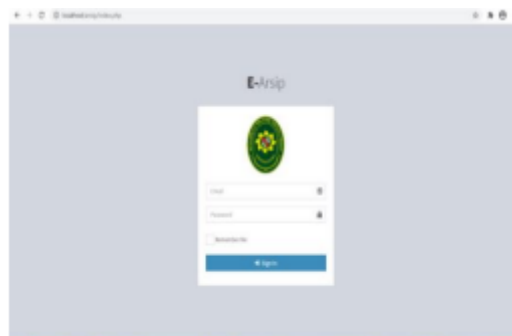


Figure 1. Login



Figure 2. Homepage

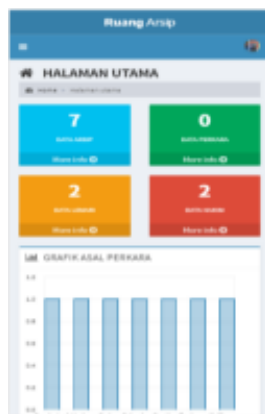


Figure 3. Mobile

4. CONCLUSION

The archiving system that is built can be help make work easier archiving officer in recording incoming archives and maintaining archival documents from loss or data corruption due to archival documents stored in a system database built.

The system that is built can speed up the search for data long archived and needed back without having to check every box in the archive room.

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