



Web-Based E-Document Information System

Zulkifly Fadly Pratama¹, Novita Br. Ginting², Safaruddin H. Al Ikhsan³

^{1,2,3} Informatics Engineering Study Program, Faculty of Engineering and Science, Ibn Khaldun University Bogor. Sholeh Iskandar Street Km 2, Bogor City, 16162, Indonesia

E-mail: zulkiflyfadlyprtm@gmail.com, novitawahab@uika-bogor.ac.id, safaruddin@ft.uika-bogor.ac.id

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ABSTRACT

An authentic deed essentially contains the formal correctness of the information in accordance with what the client has told the notary public, therefore legal protection is required for the notary in carrying out his position. The success of a notary can not only be measured by the number of deeds he makes, but also from the deeds' expertise to the storage of client information documents. The large number of deed makers without neat and orderly document storage will cause problems and difficulties in the future. Notary and PPAT Afri Siswatuti, SH., MKn. Still using the manual method of storing documents, so when these documents are needed they must first be searched manually on the document index, so it takes time in the search process. To solve this problem, it is necessary to build an information system to help manage documents that have been made that can be stored and organized neatly by creating a web-based e-document information system which contains the process of making notary letters to storing documents for clients. The output of this research is a web-based deed management information system design. So that documents can be managed properly in a short time, data retrieval becomes more efficient.

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1. Introduction

The need for proof of written information in the form of authentic deeds will increase in line with the development of demands for legal certainty in various economic and social laws at thenational, regional and global levels. To ensure certainty, order and legal protection, the need for an authentic deed concerning a legal situation, event, or act is very important. Through an authentic deed that clearly defines rights and obligations, guarantees legal certainty and at the same time is also expected to avoid disputes. Although the dispute cannot be avoided, in the dispute resolution process the authentic deed which is written evidence and is the fullest provides a real answer to the dispute resolution of the parties.[1] This e-document system is found in offices that use the e-document system at work. This e- document system really needs to be designed properly so that in the future the making of AJB is stored properly and neatly. The e-document design will be processed in the system starting from the AJB creation stage, AJB storage stage and AJB print out stage. The stage of making AJB is that the admin fills in several forms contained in the template menu after completing all forms the admin can save them in this system.[2]

Based on the results of observations and interviews conducted at the Notary's office and PPAT AFRI SISWATUTI, SH., MKn., it was found that from the results of services and storage of AJB documents that were less efficient which were prone to errors or damage in them because the process of making AJB documents itself took time. For a long time, this makes the services provided less efficient for the applicant. Therefore, improvements are needed in the process of making and storing AJB even better, this is needed to avoid errors in documentation, errors in data retrieval, difficulties in data retrieval, and other problems. With the above background, the author wants to create a web-based information system which contains the process of making a notarial letter. Therefore, the purpose of this study is to facilitate the management of notary documents to be more efficient and improve services at the notary office and PPAT AFRI SISWATUTI, SH., MKn. The



benefit of this research is that documents can be managed properly in a short time, data retrieval becomes more efficient. Based on the above background, I am interested in conducting research with the title "E-Document Information System at the Notary's Office and PPAT AFRI SISWATUTI,SH., MKn."

2. Method

The method used in the research is divided into two methods, namely the waterfall method for system development. The explanation of the steps in the research method is shown in Figure 1.

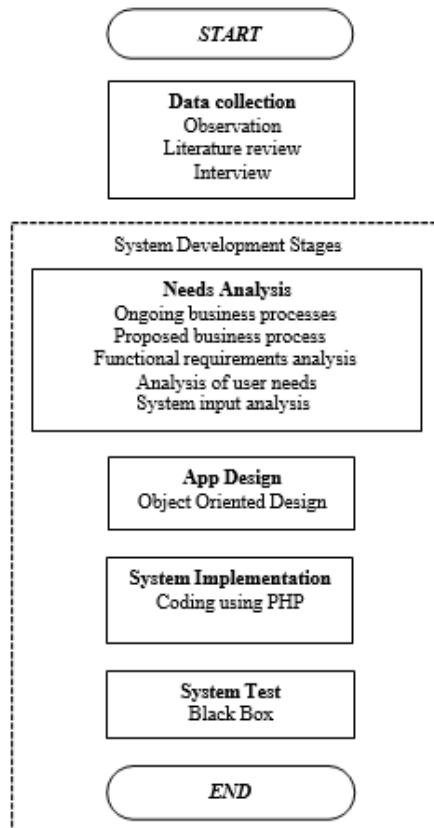


Figure 1. Stages of Research Methods



3. Result and Discussion

3.1 Data Collection

In the established data collection techniques, there are three types of them.

1. Observation
Collecting data directly on the object of research (PPAT Document). The data obtained is the PPAT Document, namely AJB-Certificate.
2. Literature Study
Data collection techniques in the form of studying problems related to the object of research sourced from books and literature and other libraries.
3. Interview
Interview is a technique of collecting data by means of question and answer based on research objectives, the authors conducted interviews with notary office employees about the procedures for the process of making notary documents and PPAT.

3.2 Ongoing Business Process

In this ongoing business process, the Notary Office and PPAT AFRI SISWATUTI, SH., MKn, are still using the manual method, there is no operating system yet to assist the performance of the employees and also the office owner itself. It can be seen in Figure 2.

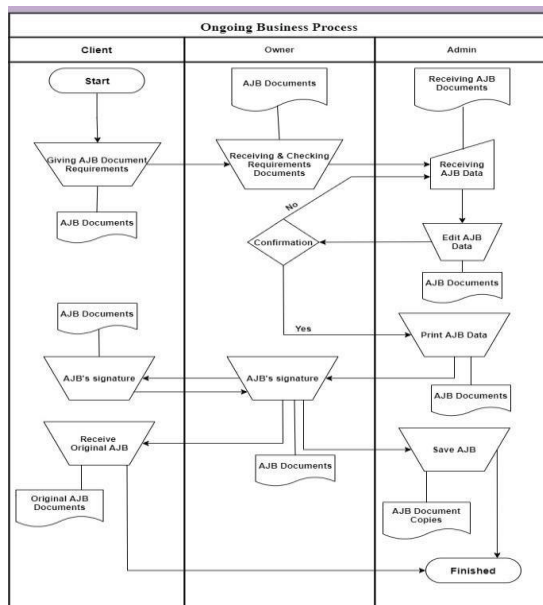


Figure 2. Ongoing Business Process

3.3 Proposed Business Process

After knowing that there are still shortcomings in the preparation of important letters at the Notary and PPAT offices, AFRI SISWATUTI, SH., MKn. so with this I will build an information system to overcome the damage / loss of important data. It can be seen in Figure 3.



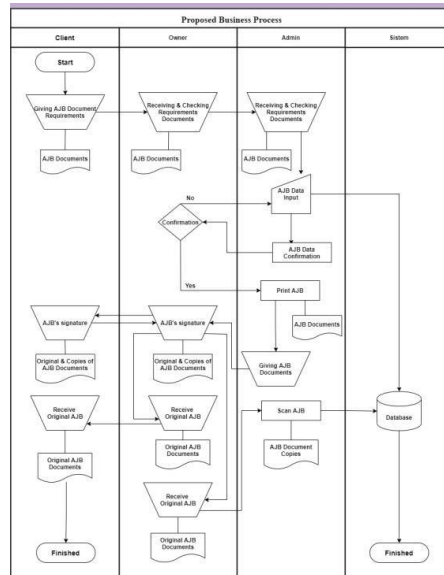


Figure 3. Proposed Business Process

3.4 System Design

3.4.1 Context Diagrams

Diagram that describes the system starting from the user process to the application until the application provides feedback to the user. Context Diagram can be seen in Figure 4.

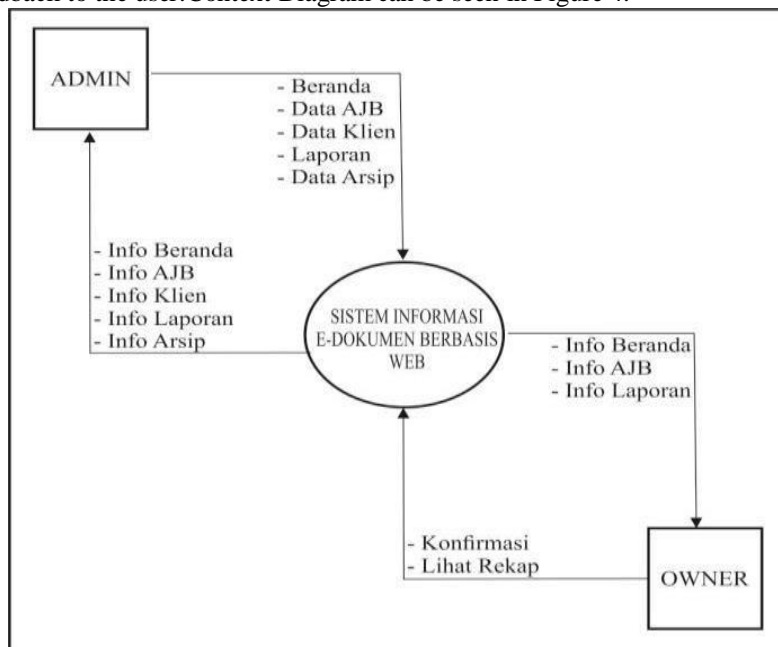


Figure 4. Context Diagrams

3.4.2 Use Case Diagrams

Diagram depicting full access rights for admins and owners having document confirmation rights and Report menus created in the system. Use Case Diagram can be seen in Figure 5.

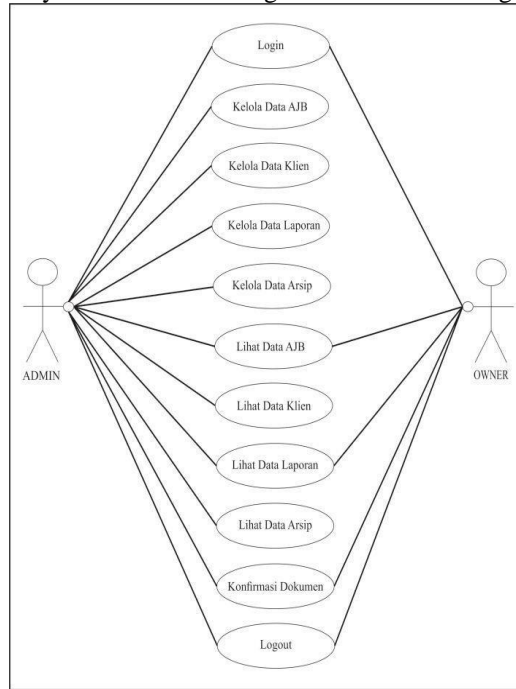


Figure 5. Use Case Diagram

3.4.3 Activity Diagrams

Before entering the system admin is required to fill in the username and password that have been created. The Admin Login Activity Diagram is shown in Figure 6.

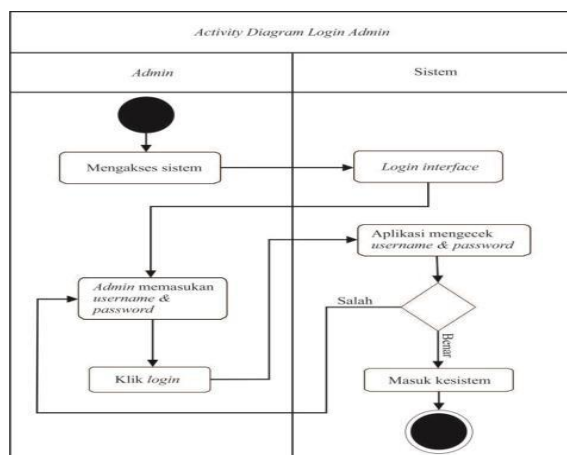


Figure 6. Use Case Diagram

3.4.4 Class Diagrams

Class diagrams describe the existing table relations in the system. Class Diagram can be seen in Figure 7.

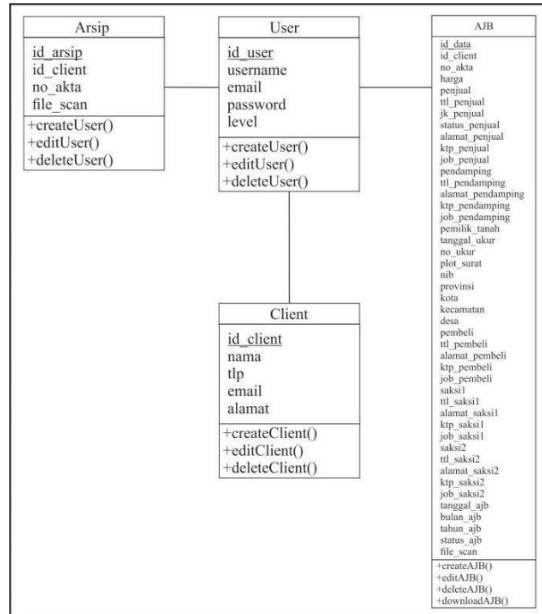


Figure 7. Class Diagram

3.5 Implementation

At the implementation stage is the stage of making the system the result of designing a web-based e-document information system. Based on the needs analysis, the implementation of the home page system can be seen in Figure 8.



Figure 8. Implementation of the Home Page Coding



Implementation of AJB Data Input Page The AJB Data Input page is a page where there is data that will be inputted by the admin into the system. Implementation of the AJB data input page can be seen in Figure 11.

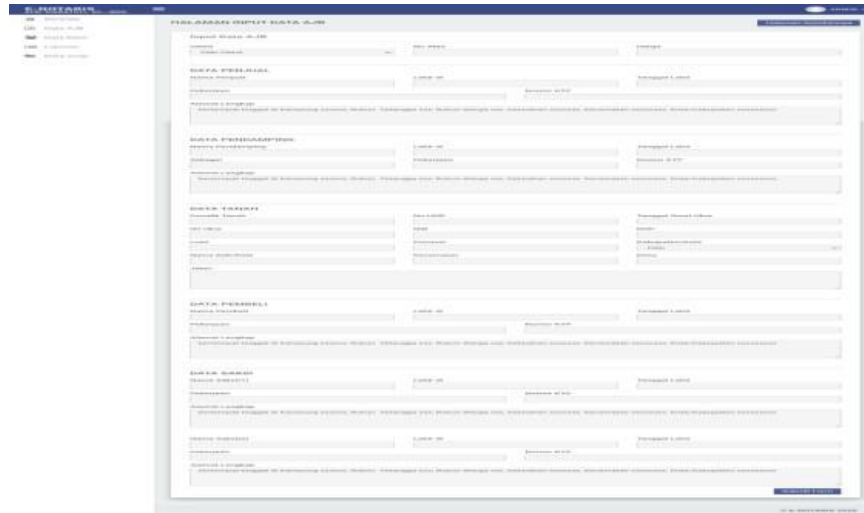


Figure 11. Implementation of AJB Data Input Page

Implementation of Client Data Pages Client Data Page is a page where there is data no, name, phone number, email, address, action. Implementation of the Client Data Page can be seen in Figure 12.

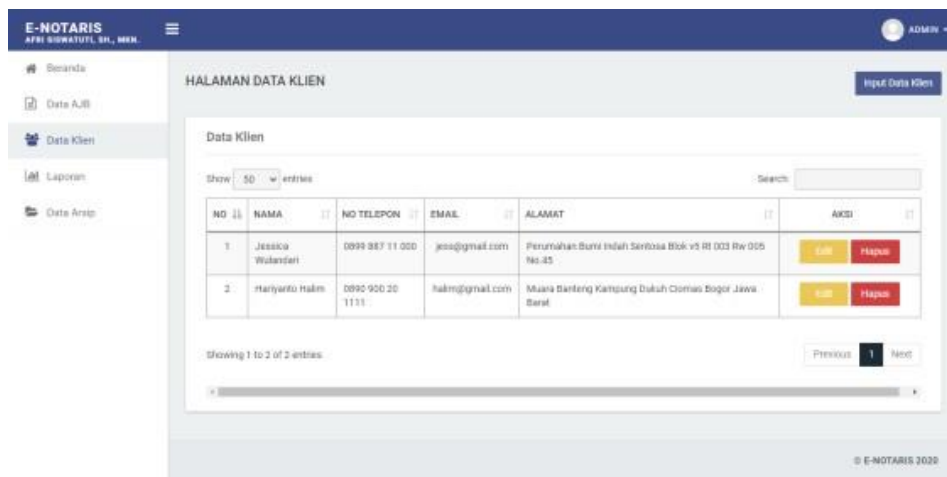


Figure 12. Client Data Page Implementation

Implementation of Client Data Input Page The Client Data Input page is a page, where there is data that will be inputted by the admin into the system. Implementation of the Client Data Input Page can be seen in Figure 13.

Figure 13. Implementation of Client Data Input Page

4. Conclusion

Based on the results of this study, researchers can draw conclusions about the Web-Based E-Document Information System as follows: E-Document Information System has been established with the following modules: Login module, Home module, AJB Data module, AJB Data Input The storage has been done digitally on the system.

5. References

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