

Web-based Classification Information System for Web-based at PT. Sintech Berkah Abadi

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ABSTRACT

PT. Sintech Berkah Abadi is one of the providers of software solutions in the global market, providing business-based and high-tech solutions for customers throughout Indonesia. At present in terms of archiving data that is accessed is still using a manual system and not yet computerized, the process of searching for archives is quite time consuming and making reports still uses Microsoft Excel. This study aims to design a web-based archival classification information system to make it easier to manage file management properly. In this study using data collection methods namely observation, interviews and literature study. In the system analysis method used is the SWOT analysis, the design method used is Extreme Programming (XP). The results of the system design by using a web-based system can facilitate users in inputting data, storing data, searching for data, and making more accurate archive reports, so that archiving can run effectively and efficiently.

Keywords: Filing Information System, Classification, Search.

II. INTRODUCTION

In the era of globalization as it is now, the speed of processing and delivery of information has a very important role for each agency, especially agencies that have a high level of routine and have a lot of data that must be processed [1]. Because every development of the business world is very dependent on management and information support. One of the information that is very important for the business world is a recording of the business activity itself, which is contained in the archive [2]. Electronic Archives or often also called digital archives are records that have undergone a physical form change from paper sheets to electronic sheets. The process of converting records from paper sheets to electronic sheets is called media transfer. The process of transferring media using a computer device that is assisted by a high-speed scanner [3]. Data archiving is needed for handling data, archiving will make it easier for companies to add and find the data needed [4]. To facilitate the search for information in accordance with what we want and in accordance with the time, then the classification of documents will help how to obtain information, making it easier to process and use according to the needs and goals to be achieved. Classification is one method in data mining that aims to define the class of an object whose class is unknown. In the classification, the training and testing process will be carried out first. In this process a dataset of known object classes will be used [5].

III. METHOD

The method used in this research is the Extreme Programming (XP) method, which is meant by the Extreme Programming (XP) method is a software engineering process that tends to use an object-oriented approach and the target of this method is a team formed on a small to medium scale and This method is also suitable if the team is faced with unclear requirements or requirements changes very quickly [6]. Data collection methods used are: a. Observation Method, b. Interview or interview method, c. Literature Study Methods.

IV. RESULT AND DISCUSSION

IMPLEMENTATION

Archive Application Program

1. Login page

The Login page contains the username and password textbox that the admin uses to enter the system.



Figure 1.1 Application Login Page

2. Home page

Display the home menu containing the display when the admin has logged in.



Figure 1.2 Home Application Page

3. Data Menu Page

Data menu display when the admin selects the category menu, the system will display Category data.

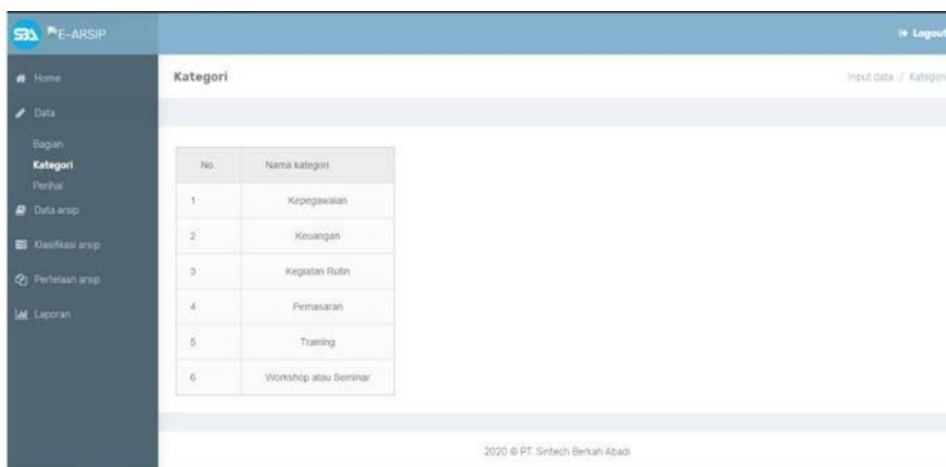
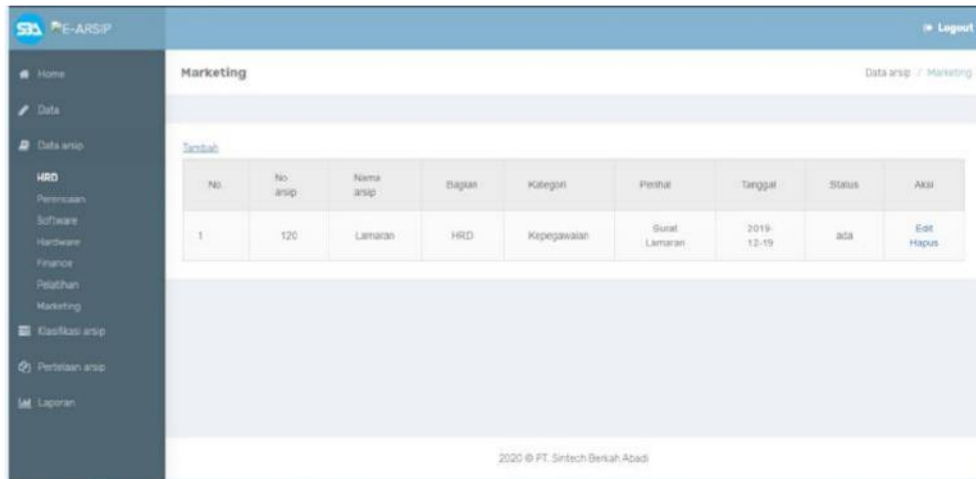


Figure 1.3 Application Category Data Page

4. Archive Data Page

Display the archive data menu when the admin chooses the HRD menu, the system will display HRD data.



No	No arsip	Nama arsip	Bagian	Kategori	Perihal	Tanggal	Status	Aksi
1	120	Lamaran	HRD	Kepegawaian	Surat Lamaran	2019-12-19	ada	Edit Hapus

Figure 1.4 Data Archive Application Page

5. Archive Data Input Page

Display archive data input when the admin chooses the added process it will display a form for inputting archive data.

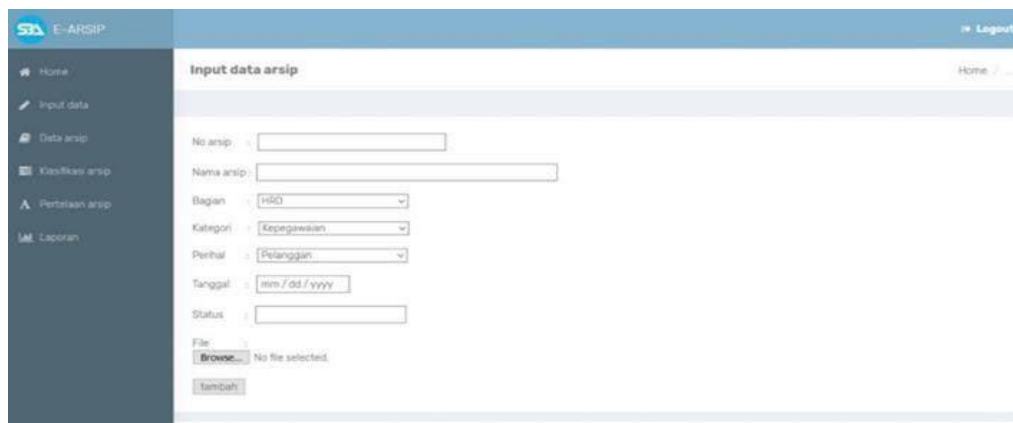


Figure 1.5 Input Archive Data Input Page

6. Archive Classification page

Display archive classification menu when the admin chooses the classification menu, the system will display classification data.

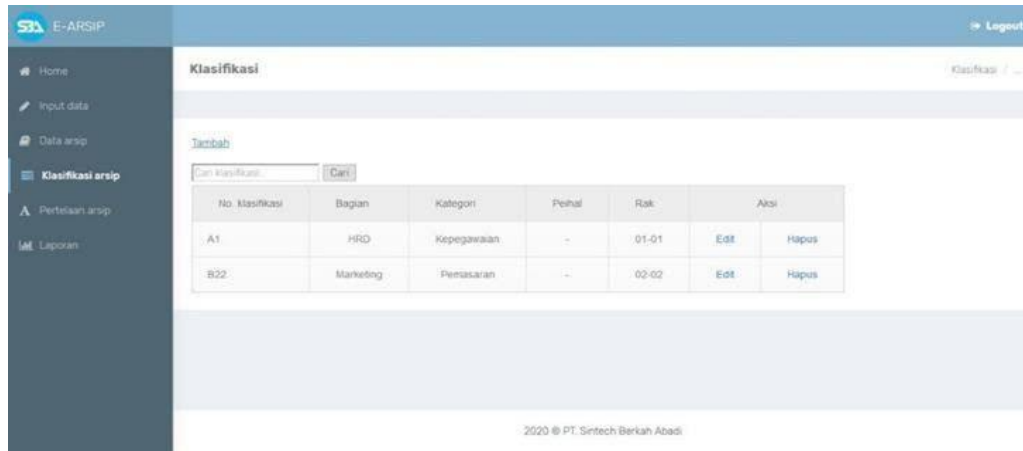


Figure 1.6 Classification Archive Application Page

7. Archive Classification Input Page

The archive classification input display when the admin chooses the add process will display the classification input form.

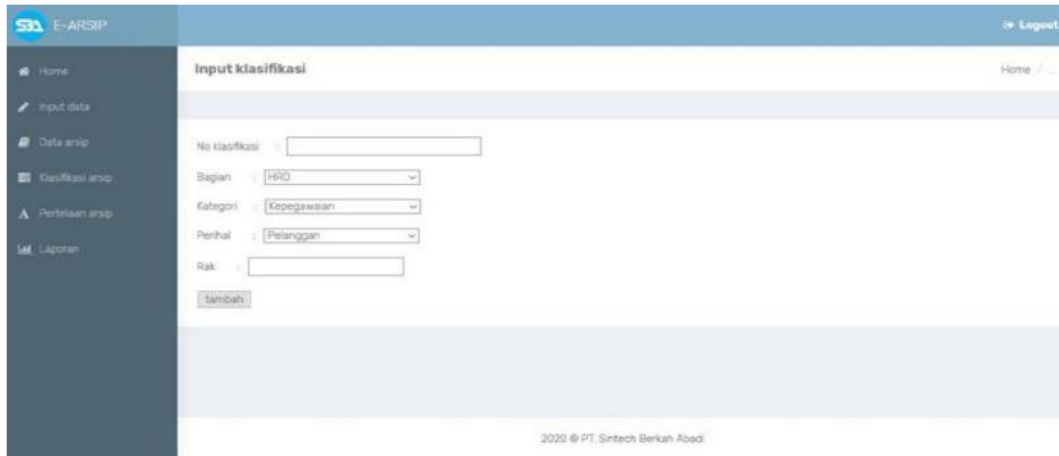


Figure 1.7 Input Archive Application Input Page

8. Archive Information Page

Display archive file menu when the admin chooses the menu, the system will display the data for information.

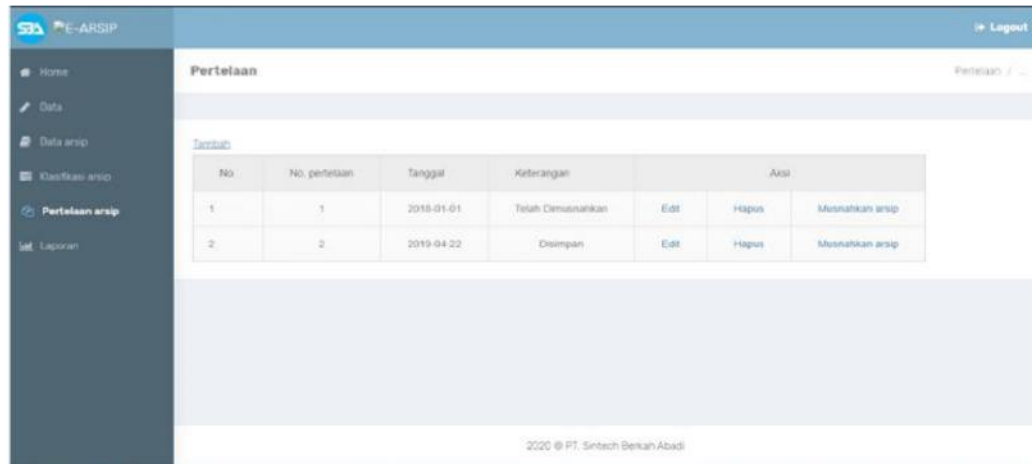


Figure 1.8 Application Archive Application Pages

9. Archive Information Input Page

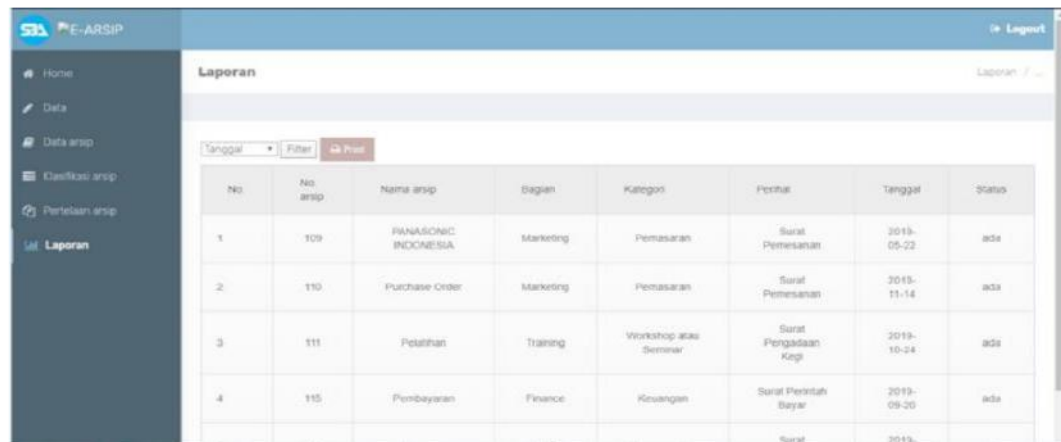
The archive input input display when the admin chooses the add process will display the input input form.



Figure 1.9 Input Archive Application Input Page

10. Archive Reports Page

Display the archive report menu when the admin selects the report menu, the system will display the archive report data.



No	No arsip	Nama arsip	Bagian	Kategori	Perihal	Tanggal	Status
1	109	PANASONIC INDONESIA	Marketing	Pemasaran	Surat Pemesanan	2019-05-22	ada
2	110	Purchase Order	Marketing	Pemasaran	Surat Pemesanan	2019-11-14	ada
3	111	Pelatihan	Training	Workshop atau Seminar	Surat Pengadaan Kept	2019-10-24	ada
4	115	Pembayaran	Finance	Keuangan	Surat Perintah Bayar	2019-09-20	ada

Figure 1.10 Application Archive Reports Page

IV. CONCLUSION

Based on the analysis conducted can be concluded as follows:

1. The existence of a computerized filing system can make it easier for users to store data, search for data, and make more accurate archive reports, so that archiving can run effectively and efficiently.
2. The new system can minimize the deficiencies that exist in the previous system so as to create a more accurate and updated information system without having to take a long time to search for archives that are often requested at any time and able to overcome file management problems.
3. This system is made using a database so that the loss of data accumulation using paper and information search is faster when needed in making more accurate reports.

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