

MANAGEMENT INFORMATION SYSTEM PONDOK MA'HADUT THOLABAH BABAKAN LEBAKSIU TEGAL REGENCY

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ARTICLE INFO		ABSTRACT
Received:	09-04-2022	Amount students, administrators, and supervisors Theory learning at Pondok boarding school Ma'hadut tholabah That's enough leaky many with management still manually create cottage this experience various obstacles moment To do management, for example cause difficulty for checking students who are still active as well as those who have become alumni. Study this aim for avoid happening errors that arise consequence data recording, realizing something system information management cottage web-based boarding school in which covers aspects service so that could give information needed Cottage Boarding school Ma'hadut tholabah. Study this is study with WDLC method with the stages is analysis, determination specification, site structure and design, development, testing, marketing, and maintenance. Whereas for researcher data collection use method interviews , observations, and literature. On development system information management this researcher using a web server with using MySQL and PHP. MySQL and PHP are used for make system database management that can make it easy system data collection management by computerized. Research results this produce a design system information management Cottage Boarding school Ma'hadut Tulabah who can simplify the management process data collection so that data collection carried out no only manually but can stored in an application program that can accessed by managing admin Cottage Boarding school Ma'hadut tholabah.
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INTRODUCTION

Moment this we are in the information age. Information age is an era where involving many information in taking good decision by individual nor various companies shape, and many utility (Damanik, 2012) . System information is needed by some party certain for processing data into information , so that in taking decision, can produce good decision (Sudjiman & Sudjiman, 2018) .

With the continuous development of society and the rapid advancement of science and technology, all walks of life are increasingly required to effectively manage their projects or affairs (Habibah, 2017). Decision-making is the basis of project management, and the formation of decisions determines the formulation of corresponding programs, organizations and businesses. Decision-making is generated by decision makers based on the multi-faceted information they have, so decision

management systems and information systems are inseparable in the management of projects and transactions. At present, research on decision management systems emphasizes management and decisions, and few researchers combine decision management and related information (Huang, Huang, & Chu, 2019).

Cottage boarding school Ma'hadut tholabah Lebaksu one cottage boarding school that wants to utilize system information to help operate activity boarding school. In this system information you want to apply is system information management. According to (Gems, Tasrif, & Dewi, 2018) System Information is a "processed data set" becomes more shape useful and more means for those who receive (Syukron & Hasan, 2015). Without something information, a system will not walk smoothly and finally can die. Something organization without existence something information so organization cannot walk and cannot operate" (Audrilia & Budiman, 2020) managing complex information. Yet, such challenges are not well understood and are often even underestimated. To address this knowledge gap, I conducted a Delphi study and follow-up interviews to identify information management challenges and the adverse consequences (Sheng et al., 2020).

Cottage boarding school Ma'hadut tholabah Lebaksu is governing institution all related things with maintenance education nor boarding school. As institution education Cottage, wants to upgrade a system that can fulfill management for activity boarding school. As for the conditions at the agency this that is own total enough students lots and data collection Students not yet managed with good only limited noted or using manuals. In addition to student data. Management data and supporting data Theory learning the hut yet managed by good. including management room, management, violation, letter permits and activities by computerized.

by Specific objective holding study system information management cottage boarding school is for avoid happening errors that arise consequence data recording, realizing something system information management cottage web-based, Islamic boarding schools in which covers aspects service so that could give information, needed cottage boarding school Ma'hadut tholabah.

METHODS

Method research used for this is WDLC (*Web Development Life Cycle*) as for the stages is as following (Priyanto & Kawistara, 2014):

1. Determination Specifications, in stages this aim for make specification by detail about architecture project, style and material requirements for project.
2. Structure and Design, in stages this researcher make sketch design, analyze results design, determine content and database design.
3. Development, in stages this done making files and programming from system Testing in stages this done testing against those who have made.
4. Marketing, in stages this done marketing against those who have made.
5. Maintenance, At stage maintenance this is find error or disturbance after implementation.

Method Collection Data that used Interview, data collection through Interview by direct with interested parties with objective for get more data related details with research, namely with part cottage boarding school Ma'hadut tholabah (Anandika, 2019). Next Observation in activity this done for collect data with method observation direct with related things with System information management cottage boarding school.

Library, Study literature done with method data collection from books, documents as well as various source written other suitable with theme problem (Adisel, 2019).

RESULTS AND DISCUSSION

A. Result

1. Procedure Current system walk

Process analysis will started after Step analysis to system done done, analysis need functional could defined as drawing, planning and manufacture sketch or Settings from a

number of separate elements to in one a unified and functioning unit (Widiarti, 2012). Stages this concerning configure from components device software and devices hard from something system so that after installation from system will truly satisfying from design wake up who has set at the end Step analysis system. Tools used for describe system by general will built i.e. FOD or medium system walk. Analysis need Functions that will be discussed is medium system walk.

2. Current system FOD walk

From description above could depicted in form of Flow Of Document (FOD) or chart flow documents (Klimek, S Jovanovic, Egloff, & Schneider, 2016), namely : Below this is medium system walk in the hut boarding school ma'hadut tholabah . FOD image of student data shown in figure 1 as following:

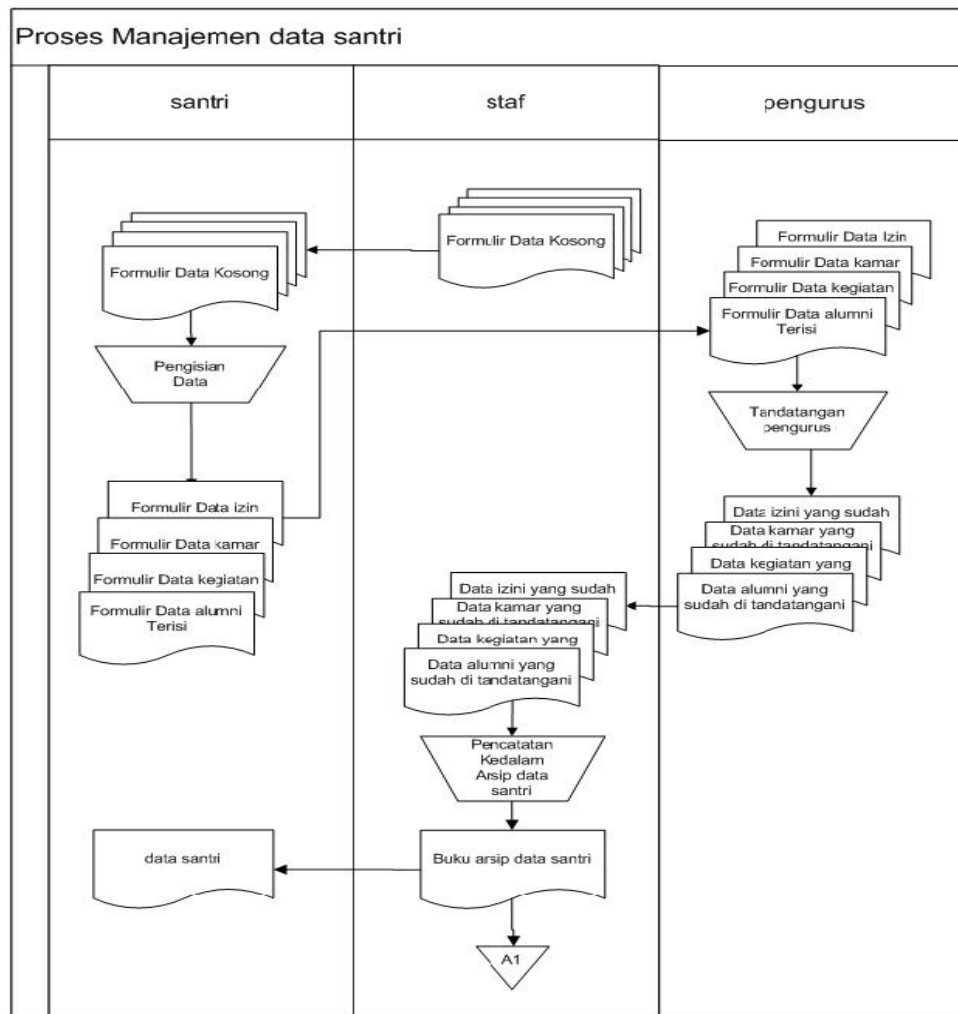


Figure 1. FOD of student data

3. design System

- a. Context Diagram or Also known as the fundamental system model represents whole element system as a single bubble with the input output data indicated by the child incoming and outgoing arrows by sequentially . Context diagram drawing shown in figure 2 as following

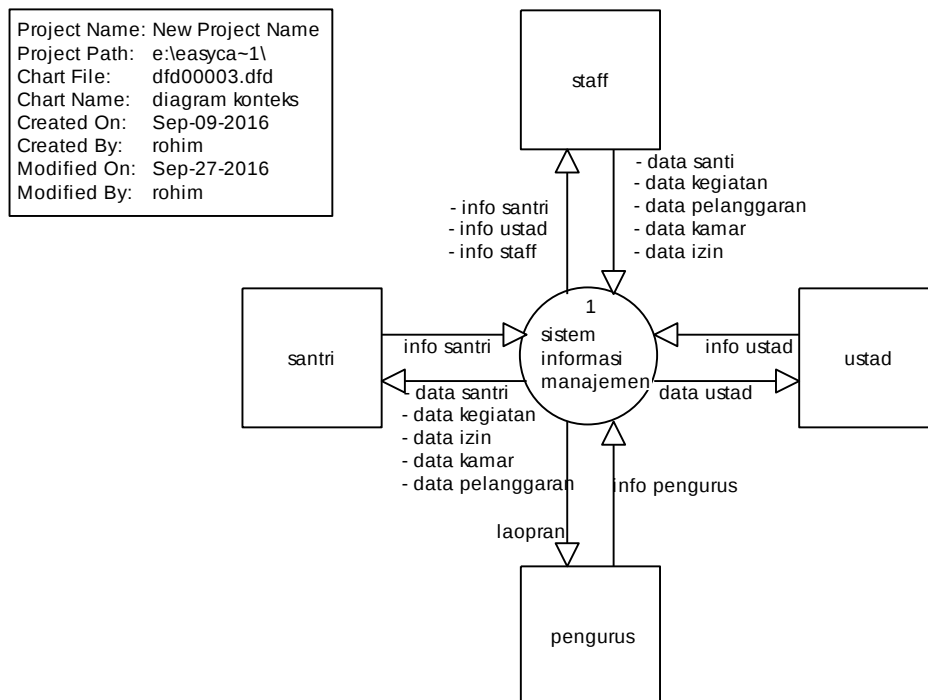


Figure 2. Context Diagram

b. Data Flow Diagrams (DFD)

Data Flow Diagram (DFD) is a flow chart that is presented in shape symbols certain that shows the process or function, data flow, place data storage, and entities external (Li & Chen, 2009). Figure data flow diagram level 0 is shown in Figure 3 as following :

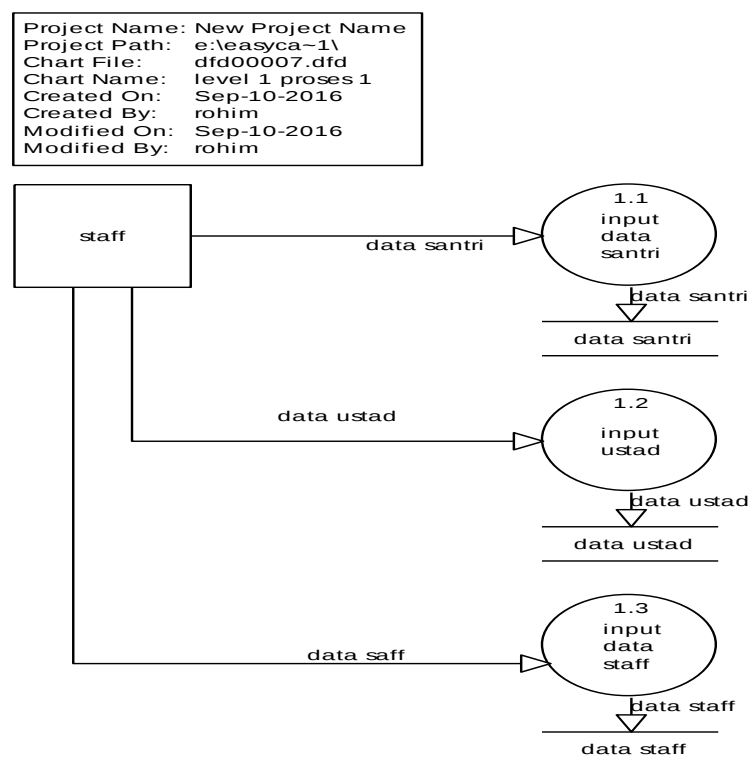


Figure 3. Data Flow Diagram Level 0

c. Structure Display , Structure menu display is general from something program menu design for make it easy user in run the program. Following this is design Menu structure Design System Information management cottage ma'hadut tholabah lebaksiu to make it easier in

the process of searching when in making system . Structure Drawing The Menu Display is shown in figure 4 as following :

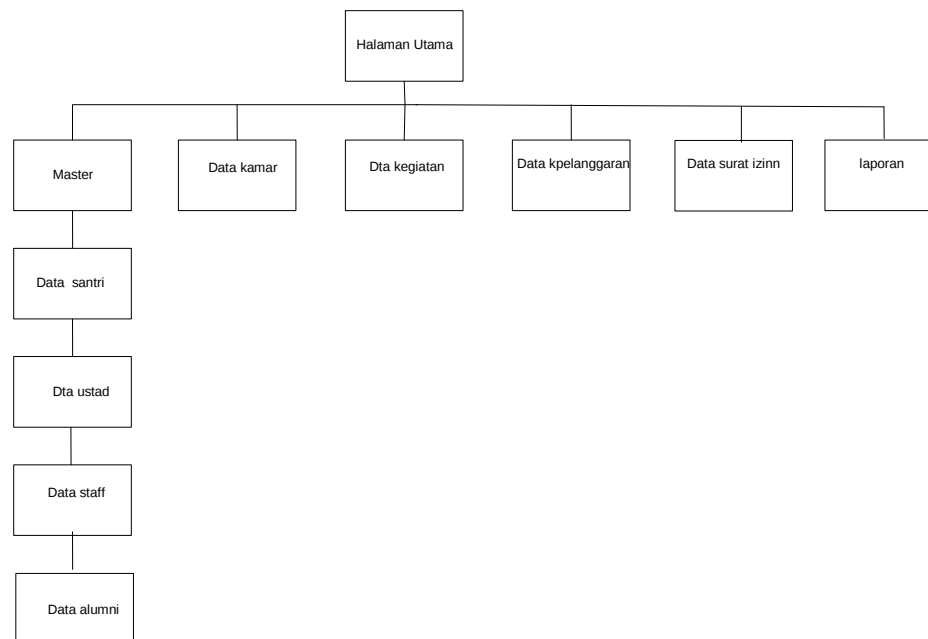


Figure 4. Structure Menu Display

d. design Screen

design Program screen (dialog) created for give description about the form and model of the application that will be built (Al'Amin & Wilnanda, 2017).

1) design Admin Login Page Screen



Figure 5. Admin Login Page Design

2) Front Page Design



Figure 6. Front Page Design

3) design Student data processing page screen



Figure 7. Design of student data processing page

4) design Appearance cleric data processing

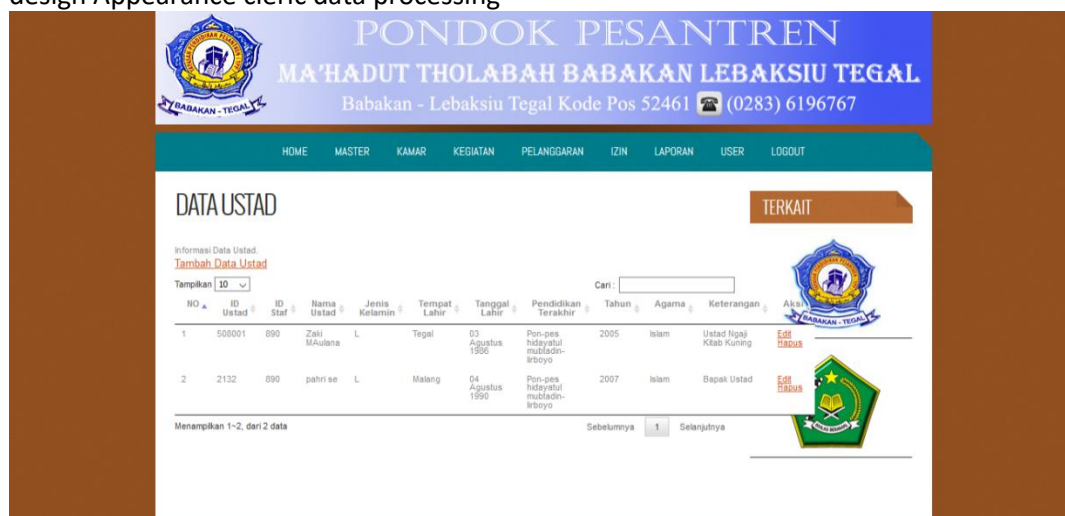


Figure 8. Form Design Ustad Data Processing

5) design appearance staff data processing

PONDOK PESANTREN
MA'HADUT THOLABAH BABAKAN LEBAKSIU TEGAL
 Babakan - Lebaksiu Tegal Kode Pos 52461 ☎ (0283) 6196767

HOME MASTER KAMAR KEGIATAN PELANGGARAN IZIN LAPORAN USER LOGOUT

DATA MASTER STAF

Tambah Data Staf

Tampilkan 10 Cari :

NO	ID STAF	NAMA	Jenis Kelamin	Tempat Lahir	Tanggal Lahir	STATUS	KETERANGAN	Aksi
1	122435	wertyu	P	Malang	31 Agustus 2016	Aktif	swer	Edit Hapus
2	899	UDRI SEDUNA	L	Tegal	01 Agustus 1989	Non Aktif	PERYOK IS THE BEST	Edit Hapus
3	34	as	L	as	31 Agustus 2016	Non Aktif	abxcv	Edit Hapus

Menampilkan 1-3, dari 3 data

Sebelumnya 1 Selanjutnya

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Figure 9. Staff Data Processing Form Design

6) Room data processing input display

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HOME MASTER KAMAR KEGIATAN PELANGGARAN IZIN LAPORAN USER LOGOUT

KAMAR

Halaman Daftar Kamar.
 Kode Kamar

Kode Kamar

No Kamar

No Kamar

Kamar

Kamar

Sub Kamar

Sub Kamar

Proses

TERKAIT

Figure 10. Design of room data processing input

7) Appearance student data report

Laporan Data Santri

No	NIS	Nama	Kamar	Kegiatan	Pelanggaran	Izin
1	607094	dwiki prayogo	angrek	sepakbola	Mbolos	sakit
2	508097	Hidayattullah	angrek	membaca Alquran	Mbolos	pulang
3	508096	wahyudin	mawar	rabana	Buang Sampah	
4	508095	Rezza Hadika	Melati	membaca Alquran	Buang Sampah	sakit

Figure 11. report Students

8) Appearance cleric data report

Laporan Data Ustad

Id	Nama	Kelamin	Tempat	Tgl Lahir	Pendidikan	Tahun	Agama
1	Zaki MAulana	L	Tegal	1986-08-03	Pon-pes hidayatul mubtadin-lirboyo	2005	Islam
2	pahri se	L	Malang	1990-08-04	Pon-pes hidayatul mubtadin-lirboyo	2007	Islam

Figure 12. Ustadz data report

9) Appearance staff data report

Laporan Data Staff						
Id	Nama	Kelamin	Tempat	Tgl Lahir	Status	Keterangan
1	M. zaelani mushonif	P	Malang	2016-08-31	Aktif	-
2	UDIN SEDUNIA	L	Tegal	1989-08-01	Non Aktif	PENYOK IS THE BEST
3	ust. tarifudin	L	tegal	2016-08-31	Aktif	-

Figure 13. Staff data report**CONCLUSION**

Based on results research and discussion obtained conclusion about system management hut, conclusion the can be described as following Existence the place structured database storage with good at management room , management violation , management activity . decrease error processing student data , staff data, activity data, room data, violation data, alumni data permission data because system management already computerized.

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