

Integrated police center information system (spkt) at polsek lubuk raja

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ABSTRACT

The National Police is an agency that provides public services in providing security to the community, one of which is in the Lubuk Raja sub-district, namely the Lubuk Raja Police which has a unit at the higher level, namely the Ogan Komering Ulu Police. One of the functions at the Lubuk Raja Police and the Resort Police and their staff is the Integrated Police Service Center (SPKT) which is tasked with providing services in the form of receiving reports. Receipt of reports and data processing at SPKT Lubuk Raja Police is still done manually, such as making reports using Microsoft Office Word in making reports so as to do file stacking and repetitive typing, and in giving register numbers and doing recording still using manual methods. By doing research at SPKT at Polsek Lubuk Raja the author thinks to create an Information System. In this study, the system development method used is the waterfall model with steps of system requirements analysis, system design, program code writing, testing, implementation and maintenance.

I. Introduction

Polri is one of the agencies that carry out public services to the community, namely by providing security services to the community, in accordance with Law no. 2 of 2002 concerning the National Police of the Republic of Indonesia[1]

The task of the Police is to protect, serve and protect the community as well as to enforce the law. The task is carried out starting from the top level / Headquarters (MABES) to the smallest unit, namely the Sector Police (POLSEK) level.

One of the units or functions in the POLRI is the Integrated Police Service Center (SPKT) which is a Police service unit that is alerted and placed by the POLRI, from the smallest POLRI legal area level, namely Polsek to the central level, namely Headquarters and is located throughout the territory of the Republic of Indonesia. With the main function of providing police services to people in need, in the form of receiving and first handling reports or complaints from the public such as reports of criminal acts, reports of loss, reports of an incident or disaster, requests for police assistance and settlement of disputes between residents.[2]

The Lubuk Raja Police, like a sectoral or sub-district level unit, also has the task of providing services to the community, where the Lubuk Raja Police Station is located in the Lubuk Raja sub-district, Ogan Komering Ulu Regency.

After the researchers conducted research on the SPKT service at the Lubuk Raja Polsek office, they still used the manual method in making police reports, such as when people made public complaints using the manual method, and, as well as in making reports where the creation is done by stacking or deleting old reports to create new reports. This can prolong the work of police officers and result in slower delivery of information to the leadership or to the upper units, namely from Polsek to Polres.

II. Method

The system development method is an important step to solve problems in a sequential manner, and the development of the system used in this study is the Waterfall development method.

The Waterfall method is a systematic and sequential information system development model, the Waterfall method has the following stages:

1) Requirements analysis and definition

System services, constraints, and objectives are defined by the results of consultation with users which are then defined in detail and serve as system specifications.

2) System and software design

The system design stage allocates system requirements both hardware and software by forming the overall system architecture. Software design involves identifying and delineating the basic system abstractions of software and their relationships.

3) Implementation and unit testing

At this stage, the software design is realized as a series of programs or program units. Testing involves verifying that each unit meets its specifications.

4) Integration and system testing

The individual units of the program or programs are combined and tested as a complete system to ensure whether they meet the software requirements or not. After testing, the software can be sent to the customer.

5) Usually (though not always), this stage is the longest stage. The system is installed and used for real.

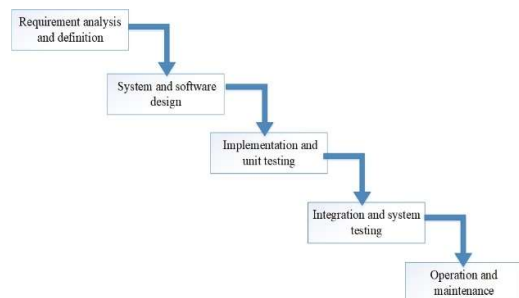


Figure 1. Waterfall Method Drawing

Figure 1 is a chart of the waterfall method which is the system development method used in this study [3].

III. Results and Discussion

3.1. Implementation

Implementation is the stage of implementing a program in system development. Implementation is made based on the results of detailed analysis and design of an ongoing system. The Service Information System Program at the Integrated Police Service Center (SPKT) of the Lubuk Raja Police consists of several menus and forms that function to enter, change, delete, search for data or information about the process of making police reports and services available at the Integrated Police Service Center.

3.2. Software Installation

In general, system installation is the process of installing a system into a computer. The installation steps can consist of several steps that must be carried out while carrying out the installation process. In the installation of the SPKT information system requires some software so that the system can run smoothly, these software include the following:

- 1) Xampp
- 2) Sublime text
- 3) Browser

3.3. System view

Dashboard Menu Display

Display Dashboard Menu or Start page is the initial display when we start the system, press the file will exit the login page. Enter with the username and password according to the existing access rights. The start page can be seen at Figure 2.



Figure 2. Dashboard menu display

Login Menu Display

The login page is a page to enter the system by entering a username and password, there are two access rights for the Lubuk Raja Police admin and user, when logging in. The access rights will be automatically selected by the system. The login page can be seen in Figure 3.

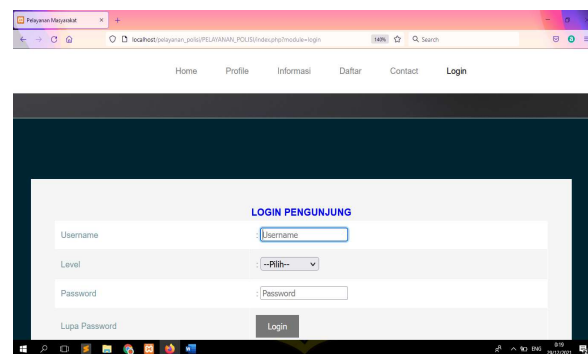


Figure 3. Display Login Menu

Main menu display

The main page is the page that appears after logging in according to the access rights. In this page there are several menus that we can use. These are unit services, SPKT, Sabhara services, licensing services, and reporting services.

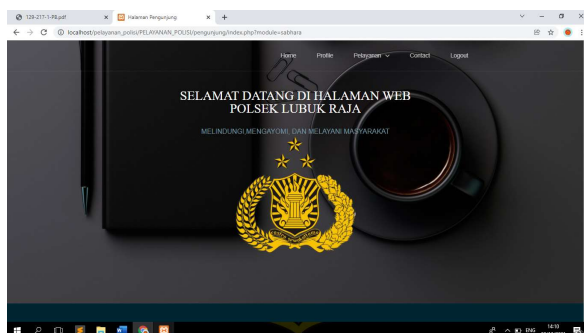


Figure 4. main menu

Sabhara menu page

Samapta Bhayangkara Unit (SABHARA) Is one of the police work units tasked with fostering the function of police security / or general duties including in the first action at a crime scene, on the Sabhara report menu in this system the public can report on events that are troubling the community for example illegal racing, so that it can be followed up.

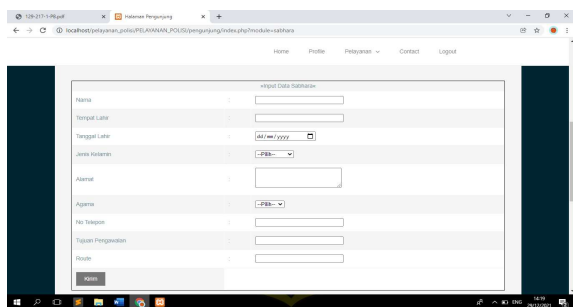


Figure 5. Sabhara report menu form

Licensing Menu Display

In this menu, the public can permit the implementation of activities in the jurisdiction of the Lubuk Raja Police. For example, the community can permit activities for soccer tournaments in the Lubuk Raja district.

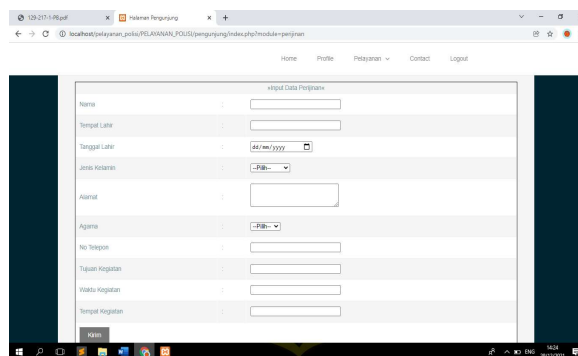


Figure 6. Licensing menu

Community Reporting Menu

The community report menu is a menu where the public can report on police services at the SPKT who are on guard, the public can make complaints, losses, and other complaints.

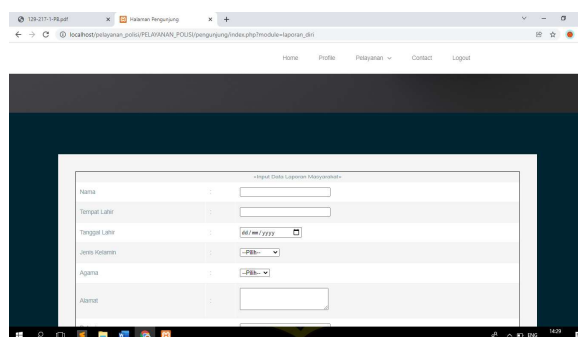


Figure 7. Community Reporting

Admin Page

The admin page is a page of all access rights for admins, namely, reporting management, licensing management and sabhara management.

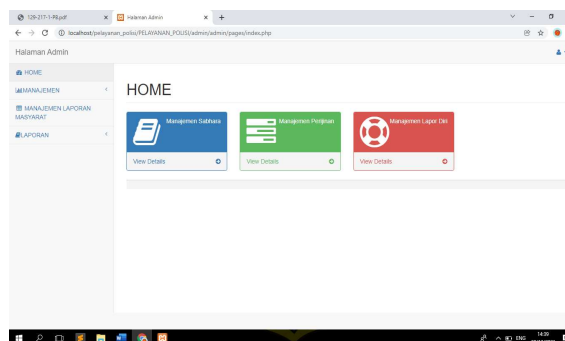


Figure 8. Admin menu

Sabhara management menu

The sabhara management menu is a data menu for all reports related to the sabhara work unit, on this menu the admin can manage all sabhara data access rights.

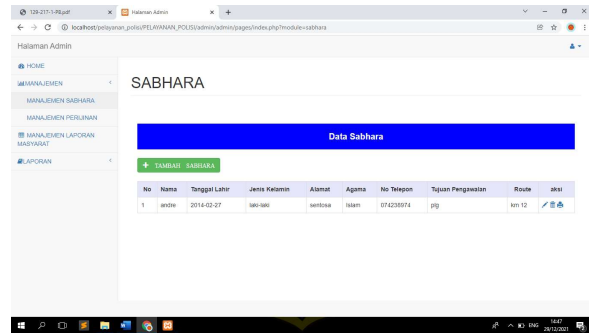


Figure 9. Sabhara management menu

Licensing management menu

The licensing management menu is a data menu for all reports related to the SPKT unit, in this menu the admin can manage all permission data access rights.

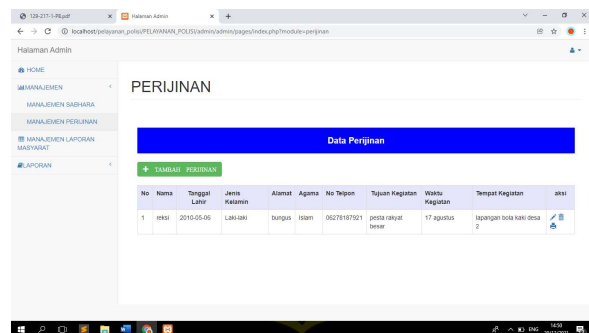


Figure 10. Licensing menu

Community report management menu

The public report management menu is a data menu for all reports related to the SPKT work unit regarding public complaints, in this menu the admin can manage all report data access rights.

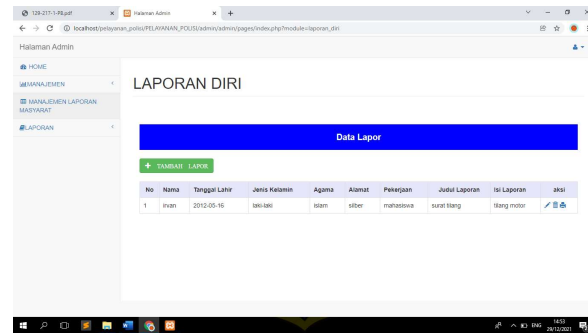


Figure 11. Community Report Menu

Print menu

The print menu is a menu where the admin can print the results of all incoming reports, ranging from reports, sabhara, permits and public complaints reports.

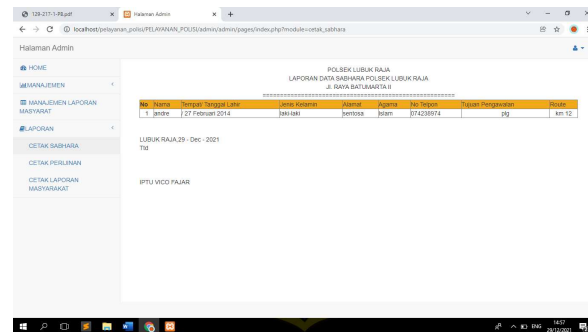


Figure 12. Print menu

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