Developmental and Implementation of Integrated Information System in Public Administration

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Abstract:
Banten in one of region that grow steadily in Indonesia. The growth of Public administration could cause several matters in Public Policy therefore the researcher has made a system called Integrated Information System. This information system that formed based on procedure and based on information and communication technology in purpose of handling several administration systems matters in Banten. This research is purpose to develop and implement of software and the developmental of handling difficulties of implementation of the software at Banten Provence. This research is using structural design method with of software. The result is to know how the matters in public administration could be resolved.

Keywords: Public Administration, Developmental, implementation, integrated software system

1. Introduction

Rohmanetal (2012) states that population data is something that must be managed either by the government, both regional and central and the existence of data is also required to always be updated. Furthermore, Rohmanetal mentioned that with the issuance of Government Regulation No. 37/2007 concerning the Implementation of Law Number 23 Year 2006 concerning Population Administration, population data will be managed using the Information System of Population Administration (SIAK). Jaietal (2016) states that the recording of population data of a region through the population administration information system becomes the responsibility of the district and municipal governments where in its implementation begins from the village and kelurahan as the beginning of the population data collection in a region. However, according to Aldila C. (2011), in the administrative system of population managed by many government agencies that still have not utilized computer technology to process data. Though on some other areas that have been using computer technology to process public data is not adopt a population administration system Which is integrated with the broader health budget so that there is still possible duplication of data for the identity of the population. In 2014, stated by the Secretary General of the Ministry of Health Supriyantoro, the government prepares a budget for some 86.4 million people who are classified as National Health Insurance Beneficiaries (PBI) throughout Indonesia for Rp19.3 trillion with an index of Rp19,225 per person per month for a year Quoted from Antara News (2013.22 August). The mechanism of distribution of Health Insurance to the PBI is stipulated in Government Regulation No.101/2012 on Beneficiaries of Contribution and Regulation of the Minister of Health of the Republic of Indonesia Number 28 of2014 on Guidelines for the Implementation of National Health Insurance Program. The management of JKN funds is planned in the RKAPB work plan by the head of FKTP and submitted to the Head of the Regional Office of Work Unit (SKPD) of the Dinas Kesehatan and conducted in accordance with the provisions of the legislation in the field of regional financial management. The organizers of the JKN in implementing JKN shall refer to the principles of the National Social Security System (SJSN). In the SJSN there are four principles that serve as reference in the implementation of JKN, namely trust and nonprofit funds with benefits for the sole improvement of public health, comprehensive (comprehensive) in accordance with the standard of cost effective and rational service, structured service, tiered with portability and Equity, efficient, transparent accountable funds. To enforce these four ideas, the role of the government in particular of the Health Institutions is very large and decisive. The existence of local governments that have not cooperated with BPJS health in managing JKN funds allegedly because it is related to the problem of unregulated population administration. Banten Province is an area located on the western part of Java island and is divided into 8 districts with 11005,518 inhabitants in 2011 as quoted from the development profile of Banten Province. A total of 3.7 million people living in Banten province are still living in poverty and are listed as Beneficiaries of Contribution (PBI) for the National Health Insurance Program (JKN) of 3.2 million people as reported in Tempo (2015,29 July).

Meanwhile, Head of Banten Provincial Health Office HM Yanuar said, as quoted from Antara Banten (2014,9January), to support the implementation of the JKN program in Banten, currently there are about 230 puskesmas and 10 government hospitals available. However, according to Efdinal, Chairman of BPK RI Representative of Banten, from News one (2016, June 16), it turns out significant material significant problems found in Banten provincial financial statements namely the administration of inventory valued Rp94, 79 billion in five SKPD, the Department of Health, Banten District Hospital, Education Office, Department of Highways and Spatial Planning, and Forestry and Estate Crops Office, which is considered inadequate. Rapid advancement of information technology at this time allows the processing of data and information needed quickly, efficiently and accurately (Noerlina, 2010). The health sector as an important sector in people's lives, especially in the National Health Insurance program is a sector that should be integrated with population data by utilizing information technology. In the application of information technology, the local government unit of the health office will be greatly assisted by the existence of the Software Integrated System model as a support facility that integrates population data with health budget in producing adequate information reporting. The Software Integrated System model is designed to consist of modules such as population registration module, health fund, health service, payment and collection of health fund, health budget, and others. One of the most important modules of the Software model is the health fund module, where it deals with the management of population health funds, the receipt and distribution of JKN funds, the monitoring of integrated health budgets with population administration data. If the health budget is not well managed, then the health service for the population becomes difficult to be done properly. Therefore, the urgency of this research is to make a good Software Integrated System model, to overcome difficulties in integrating the population administration system with health budget and overcome Matters of maximum budget management.

2. Developmental and Implementation *Integrated System Software*

2.1. System Components
In the developmental and implementation of Software ISS (Integrated Software System) in Banten Province, it needed system requirement that consists of several components, namely data tables, tables, Data query, data input form and data report.

2.2. Table/Query Input / View Report
In addition to the above three components there are other components that are required in support of this software

2.3. System Specification
Specifications of computer systems required for the operation of the software The ISS database is as follows:

2.4. Hardware Specification
Processor: Pentium IV
Memory: 512MB
Cache: 512KB
VGA Memory: 64 MB
HDD: 40 GB
Monitor: 17"
Min. Resolution: 2048 x 1024
Media Backup: CDROM Writer
Printer: Color A4 Printer

2.5. Operating System Support
Operating System: MS Windows 2000/XP/Vista
Database:MySql

2.6. Menu Login
After the program is installed, try to use this software by performing the login procedure first. Windows Login to access the Database will appear the first time when this application is activated. Users will be prompted to enter their Access Codes and Passwords before being allowed to use this entire application. For the first time use the "Administrator" Access Code with "administrator" Password. You will log into the system as an administrator. Immediately change your password so as not to be easily imitated by other users.
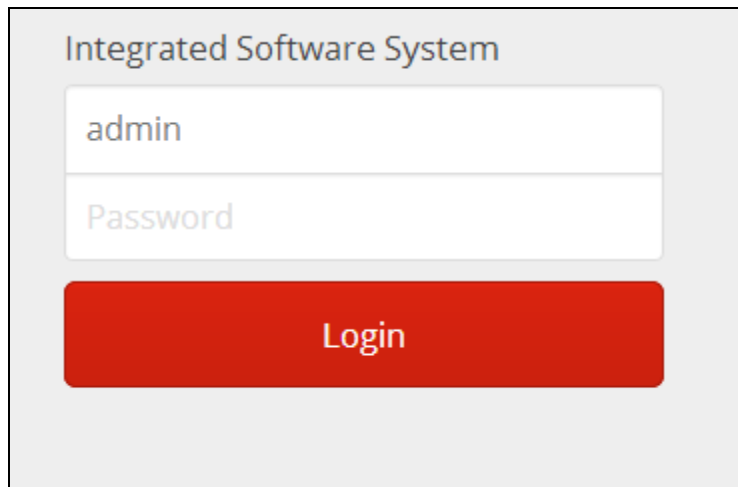
Figure 1: Login Menu

After successfully perform the login procedure, then Window Main Menu will be displayed to the monitor screen and then you can work using this application. To create a new Access Code and Password use the [Password] icon in the Main Menu Window to open the User Password Window. If you do not have an Access and Password Koda that has been registered into the user database, then you will not be able to use this application.
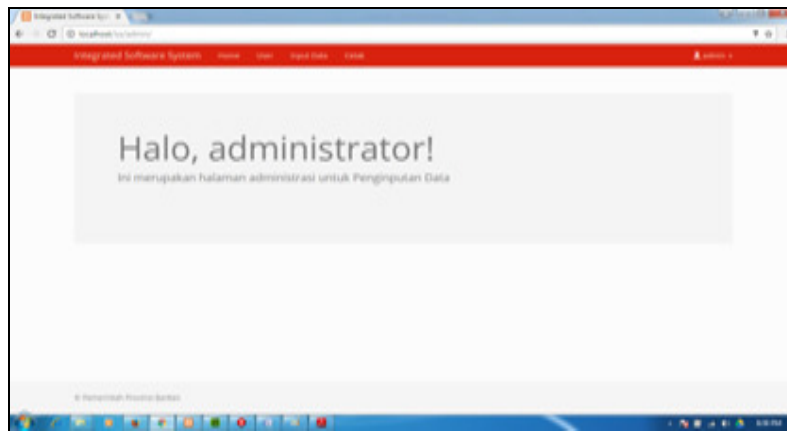
2.7. First Page Menu
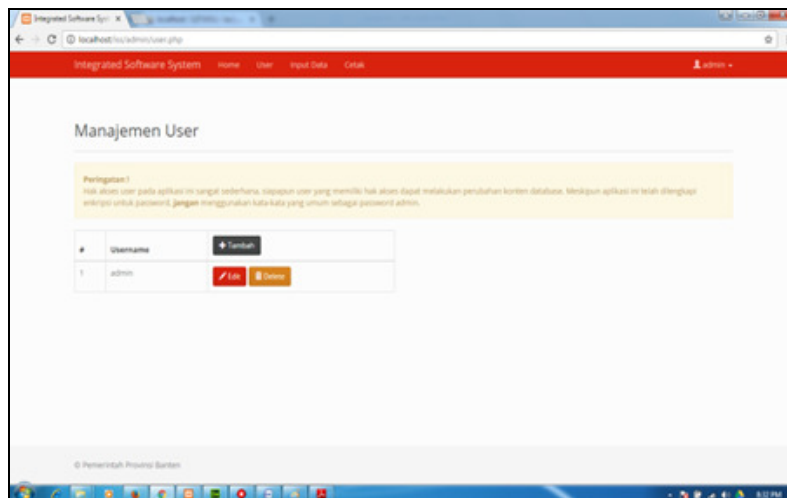

Figure 2

2.8. User Admin Menu

Figure 3

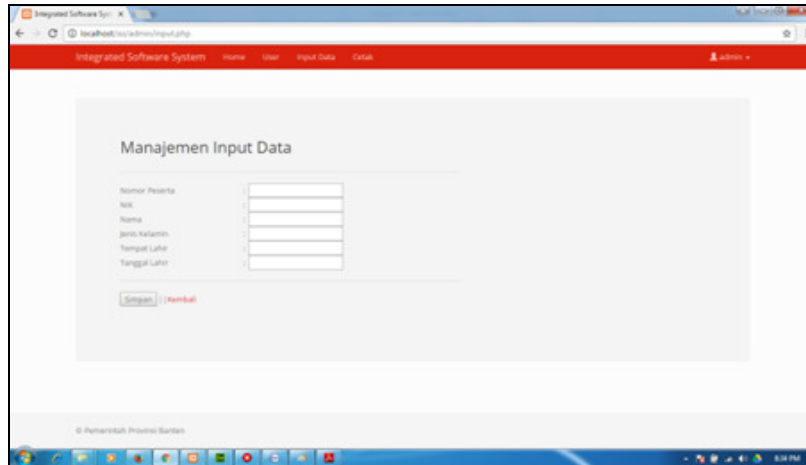## 2.9. Data Input Menu

Figure 4

2.10. Print out Menu

Figure 5

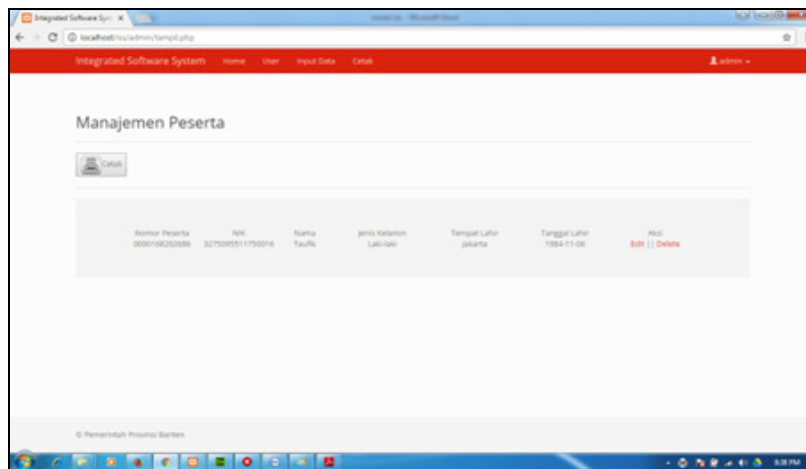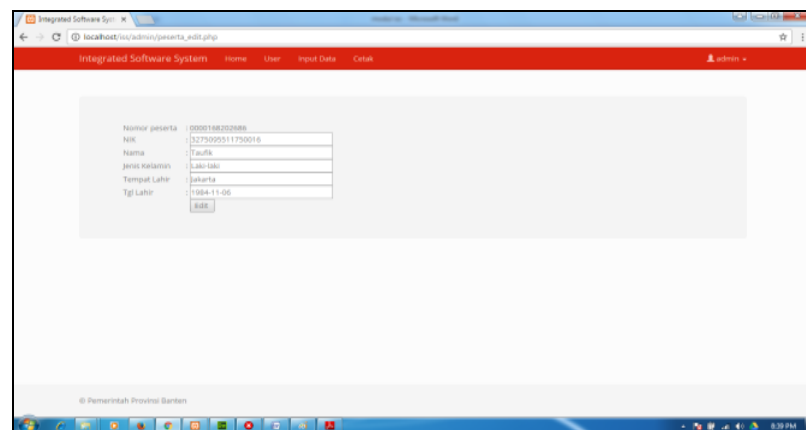## 2.11. Participant Menu

Figure 6

3. Conclusion

The integrated software system is still under development and implement in Banten province therefore any revisions and progress are still needed based on the client requirement and specification.

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