INFORMATION SYSTEM of BANDUNG TV EMPLOYEE'S PAYMENT of WAGES

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ABSTRACT

Bandung TV is the first private local TV station in Bandung. It is a company which runs in communication field. The employees of Bandung TV are increase along with the time passing by. Therefore, the slowness processing the wages' payment which is still done traditionally, because the data must be noted or processed continually in the effort of arranging the employees wages' report. Besides it is note traditionally, the data is also saved in excel form.

Borland Delphi is used as the supporter software and MySQL as the supporter database in the application building process of Bandung TV employees' wages.

According to the testing result, the building system can make the HRD working process easier and faster in getting the information about the data of employees, wages and attendance list. It also make the process of making report and wages slip easier, and support the working of Bandung TV by applying the information technology and giving the complete application facility.
Keywords: Information System, Payment of wages

1. OPENING

1.1 Problem Identification

Bandung TV is the first private local TV station in Bandung. It is a company which runs in communication field. The employees of Bandung TV are increase along with the time passing by. Therefore, the slowness processing the wages' payment which is still done traditionally, because the data must be noted or processed continually in the effort of arranging the employees wages' report. Besides it is note traditionally, the data is also saved in excel form. The effect of many competitors in the globalization era requires company to solve the problem of wages' payment to their employees.

Based on the explanation above, it is formulated how to build information system application of Bandung TV employees' wages using Delphi 7.

The purpose of this research study is to apply information technology that is information system, to make easier the process of employees' wages counting quickly and accurately, to reduce the risk of the employees' wages acceptance lateness, to be able to print wages slip based on the requirement.

2. MODEL, ANALYSIS, DESIGN, AND IMPLEMENTATION

2.1 Model

1. *Data collection phase*
   a. *Literature Study*
   b. *Observation*
2. *Software development phase.*
   a. *System engineering*
   b. *Requirement analiysis*
   c. *Design*
   d. *Coding (implementasi)*
   e. *Testing (pengujian)*
   f. *Maintenance (perawatan)*

2.2 Problem Analysis

According to HRD, the wages process in Bandung TV is not computerized well. Occasionally, there is lateness in getting the newest employees data. the system which is going in Bandung TV still use Ms. excel in

counting the wages that is by integrating some files manually becomes a report, but along with the increase of the employees amount so that effective and efficient system is needed, then the requirement of the wages system application becomes necessary.

2.3 Design

1. ERD (Entity Relationship Diagram)

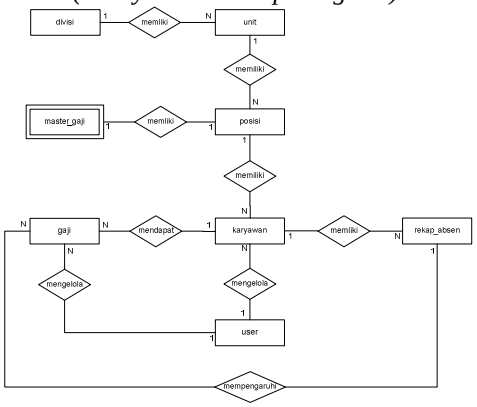


Image1. ERD (Entity Relationship Diagram)

2. Tabel Relation

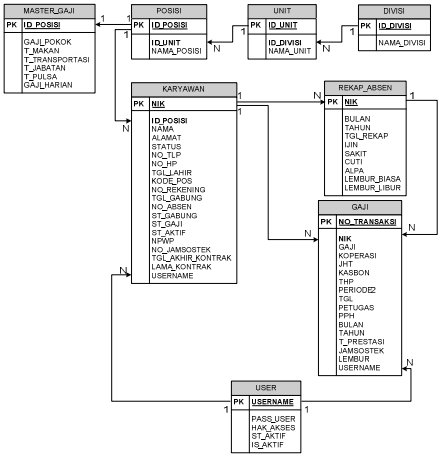


Image 2. Relasi table

3. Context Diagram

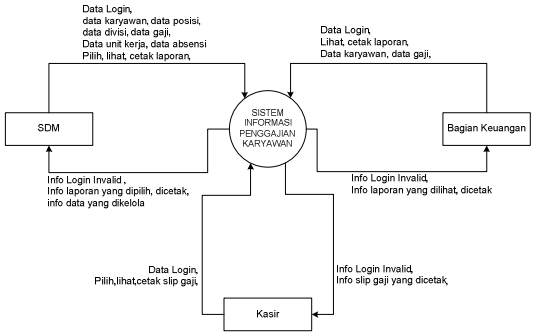


Image 3. Context Diagram

4. DFD (Data Flow Diagram)

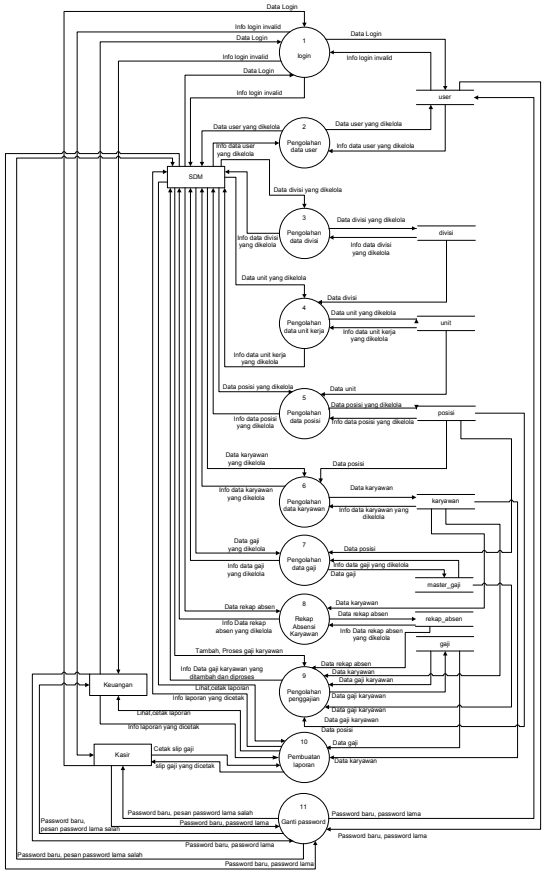


Image 4. DFD level 0

5. Menu Structure admin

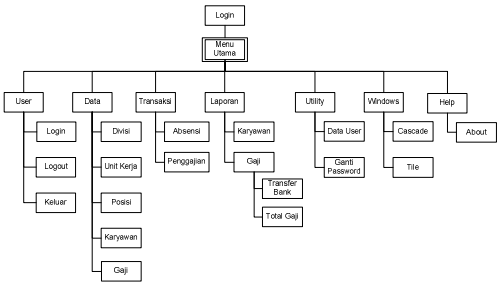


Image 5. Menu Structure *admin*

2.4 Implementation

1. Software Implementation

Software which is set in computer system used to build information system as follows:

1. *Operating System Windows XP.*
2. *MySQL 5.0*
3. *Borland Delphi 7.0*
4. *SQLYog Enterprise v7.14*

2. Hardware Implementation

Hardware which is used to operate the information system is 2 computers unit with the specificstion as follows:

a. *Processor Intel Pentium 4 2,4 Ghz*
b. *Monitor*
c. *Hardisk Drive 80 Gb*
d. *Memory/RAM 256 Mb*
e. *VGA Card 128 Mb*
f. *CD ROM drive*
g. *Keyboard*
h. *Mouse*
i. *Printer*

3. Interface Implementation

1. Interface Menu



Image 6. Interface Menu

2. Interface payment of wages

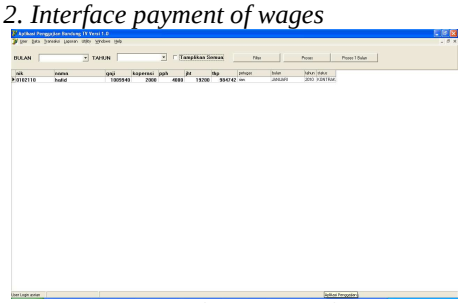


Image 7. Interface payment of wages

3. Interface Recapitulation of attendance list

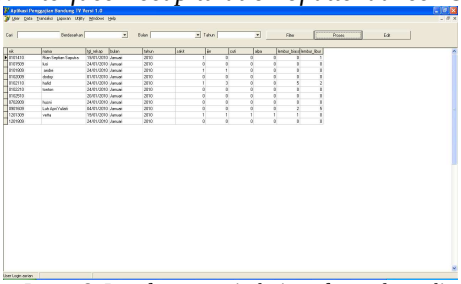


Image 8. Interface recapitulation of attendance list

3. RESULT AND DISCUSSION

3.1 Employees Wages Facility

Software which is build has the ability as follows:

a. *Able to process the employees' wages and attendance list.*
b. *Able to make and print the report and wages slip.*

4. CONCLUSION AND SUGGESTION

4.1 Conclusion

The conclusion of employees wages system to process the wages data in Bandung TV as follows:

1. *The building system makes easier and faster to get the data info of employees' wages employees' attendance list.*
2. *The building system can make the employees' wages process easier and faster.*
3. *The building system can make the making report process and wages slip easier.*
4. *The building system has supported the working of Bandung TV by applying the information technology and giving the complete application system.*
5. *The interface of building system has appropriated with the user hope.*

4.2 Suggestion

Suggestion for Bandung TV to use and process the application well as folows:

1. *The HRD is hoped to watch the use of the system, in order that the security system keeps in guard..*
2. *The HRD is hoped to be able to keep doing the system maintenace in orderly.*
3. *The coordination is guarded among users.*

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