

Aplikasi Penunjang Keputusan Pemberian Pinjaman Bergulir PNPM Mandiri Perkotaan Kepada Usaha Kecil dan Menengah (UKM)

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Abstrak— Along with the development of the modern era, and the rapid advancement of information technology today, the need for a computerized data already covers all fields including in government agencies such as the Office of the village or the village office in Daon village is one of the villages that receive assistance national program community Empowerment (PNPM).

This program is one of the efforts to improve the problem of poverty. In the village of Daon current data processing system is already using Microsoft Excel program in the process of inputting the data to the public who will receive a revolving loan national community empowerment program (PNPM). But what happened in the village of Daon is a lot of help Loan Revolving nasioanl community empowerment program (PNPM) self misdirected people who do not have a lot of effort but get this help. Often also occur duplicate data that receive this assistance. to indent the improvement of the system running.

Methods of data collection using observation method, the method of literature and interviews, while the design method used in this study was the observation method, interview method, and the method library. In this stage, the authors use the method oriented Object Analysis and Design (OOAD), which includes the analysis and design of a system object approach. And the author uses UML (Unified Modeling Language), which consists of Use Case Diagrams, Sequence Diagrams, Activity diagram, Class diagram, and to design software program author uses PHP and data base SQLYog.

With the creation of this system results in a system that gives the decision to administer revolving loan PNPM Mandiri and has no misdirected or PNPM Mandiri revolving loan are multiple.

Kata kunci— PNPM, Microsoft excel, Unified Modeling Language (UML), PHP, Sqlyog.

I. INTRODUCTION

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Daon village office is one of the villages that receive aid national community empowerment program (PNPM). This program is one of the efforts to improve the problem poverty. In the village of Daon current data processing system is already using Microsoft Excel program in the process of inputting the data to the public who will receive a revolving loan national community empowerment program (PNPM). But not all people receive assistance revolving loan nasioanl community empowerment program (PNPM) because the community must have a small and medium businesses,

But what happened in the village of Daon there are about 100 cases of the Revolving Loan assistance Nasioanal

Community Empowerment Program (PNPM) self misdirected as many people who do not have a business but get help and often also occur duplicate data receiving assistance such as a certificate but businesses obtain more than one loan. In the village there were 2,566 heads of household Daon versus 721 who have a business and has a certificate of business.

II. THEORETICAL BASIS

A. Basic Concepts of Information Systems

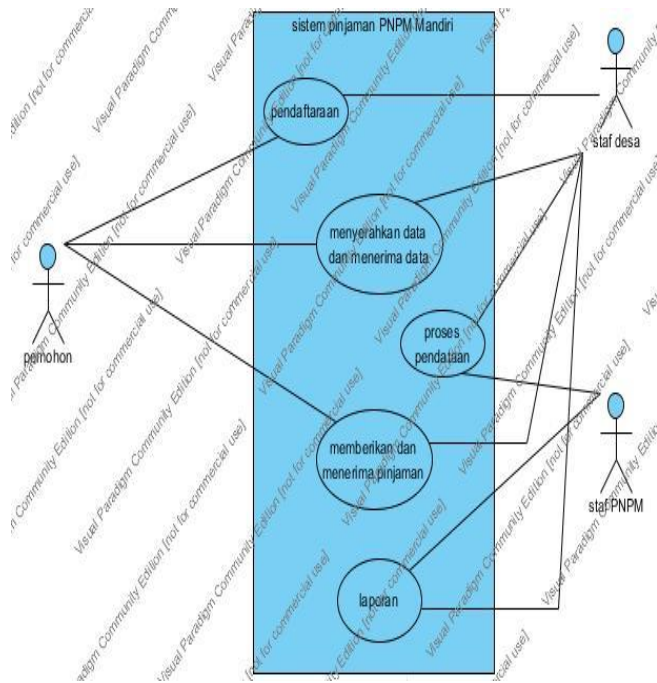
System is a collection or set of elements, components, or variable-organized, interacting, interdependent on one another and integrated. Information is data that has been classified or processed or interpreted for use in the process of making keputusan. Informasi is the result of processing the data in a form that is more meaningful for the recipient which describes an events (event) real (fact) which is used to make decisions.

B. National Community Empowerment Program (PNPM)

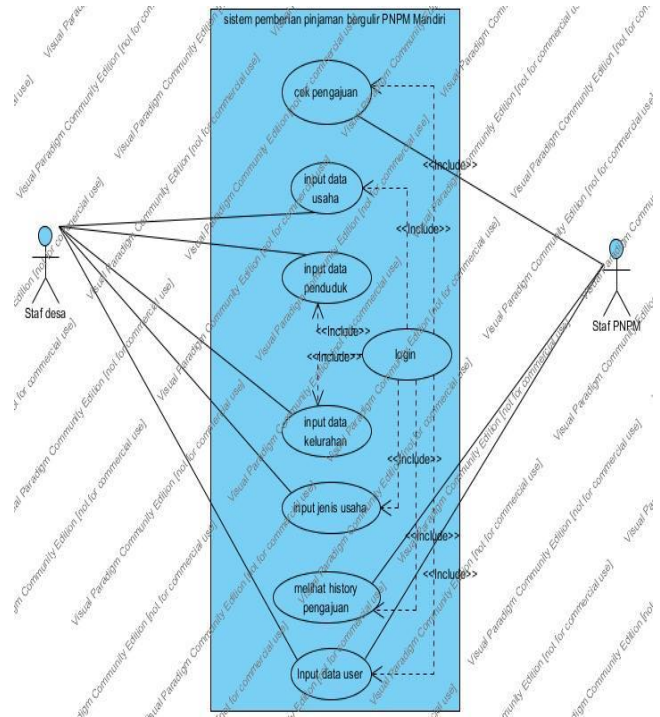
National Community Empowerment Program (PNPM) is a movement and a national program as outlined in the policy framework is the reference implementation of various poverty alleviation Program is based on community empowerment. Community empowerment aimed at creating or meningkatkan kapasitas society, both individually and collectively, to solve problems that are faced properly.

III. SISTEM ANALYSIS

A. Use Case Sistem



Gambar 1. Use Case Sistem The Walk



Gambar 2. Use Case Diagram Proposed

B. Tampilan Menu Home

Procedures system currently running on the villages Daon village are as follows: Procedures system currently running on the villages village of Daon is as follows.

1. The first stage, the applicant came to the village office Daon, then do the registration in the staff village, and given an explanation of the terms as Daon village applicant and data necessary.
2. The second stage, after the applicant diberfikan explanation of the terms of the loan application the applicant provides the terms of the staff in the office of the village of Daon.
3. After the applicant to get a loan on a loan application that the applicant has submitted to the staff PNPMM Mandiri and recorded by the staff of the PNPMM Mandiri.
4. Once the process is complete loaning staff PNPMM Mandiri keep records of the process and also on the data borrower every day, every week, every month and report to superiors or to the facilitator and facilitator will report to the center of PNPMM Mandiri.

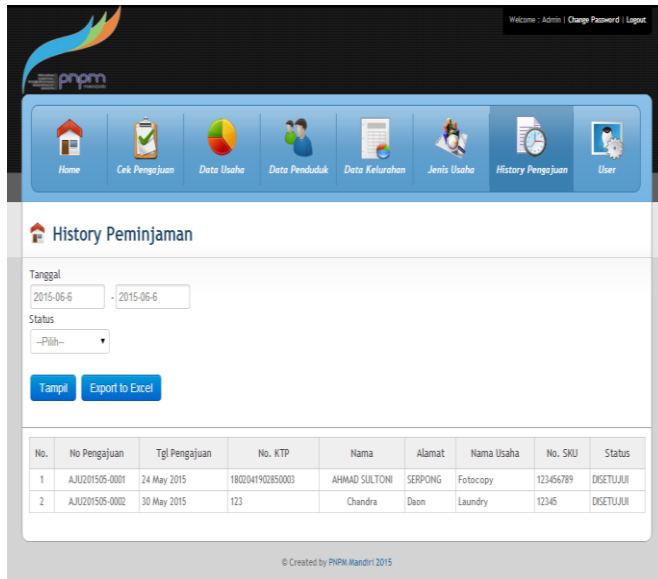


Gambar 3. Tampilan Menu Home

IV. DESIGN SYSTEM PROPOSED

A. Use Case Diagram Proposed

C. History Menu



Gambar 4. History Menus

V. CONCLUSION

Based on the results of research and observation by the author on the revolving loan submission system PNPM Mandiri in Daon village Kab.Tangerang, the writer can draw the following conclusion:

1. In serving the administration of the revolving loan, Daon village Tangerang District in data processing loan applicant already computerized but still using Microsoft Excel as a data storage medium according to the authors are less effective and efficient in its use because it takes quite a long time so that it can inhibit the other administrative services.
2. The provision of revolving credit loans PNPM Mandiri only to be given to rural communities Daon and who have not received a loan.

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