

Application of Population Data Collection in Padasuka Village, Bandung Regency, Based on Website

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Abstract. Padasuka Sub-region in Cimenyan District, Bandung Regency tries to give populace organization and common enlistment administrations to the local area as per the standards of the Service Standard Guidelines. To work on the nature of administration, it is important to have an assistance framework in the kelurahan so it can work with the presentation of specialist co-ops in sub-district and further develop the help nature of the mechanical assembly into a modernized framework and work with information assortment/chronicling of populace organization. information. The subsequent framework can be utilized to perform automated information assortment.

1. Introduction

Padasuka District, Cimenyan District, Bandung Regency tries to complete populace organization and common enrollment administrations to the local area as per the standards of Service Standard Guidelines, however the administrations gave are not ideal because of restricted hardware or administration media. The variables that upset the exhibition of representatives in offering types of assistance to the local area are the absence of HR in adjusting current assignments and deficient offices and foundation. The administrations gave by the kelurahan are limited[1-2].

In view of the portrayal over, the detailing of the issue in this article is the way to assemble a data framework in Padasuka town which expects to work with the exhibition of specialist co-ops in the town and further develop the help nature of officials who are still physically transforming into a mechanized framework to work with information assortment/documenting of occupants authoritative information[3-4]. The extent of conversation in this article is automated information handling.

2. Method

Information assortment in this study is as information assortment utilizing 3 (three) ways, namely[5]:

- a. Interviews were directed with the Padasuka sub-area, Cimenyan sub-locale, Bandung region which turned into the object of examination to get data about research issues

and general matters that show similitudes with different circumstances as well as quantitative information required in the framework.

- b. Perception, to acquire a more clear image of the object of the issue and methodically record the things noticed.

3. Results and Discussion

a. System Interface

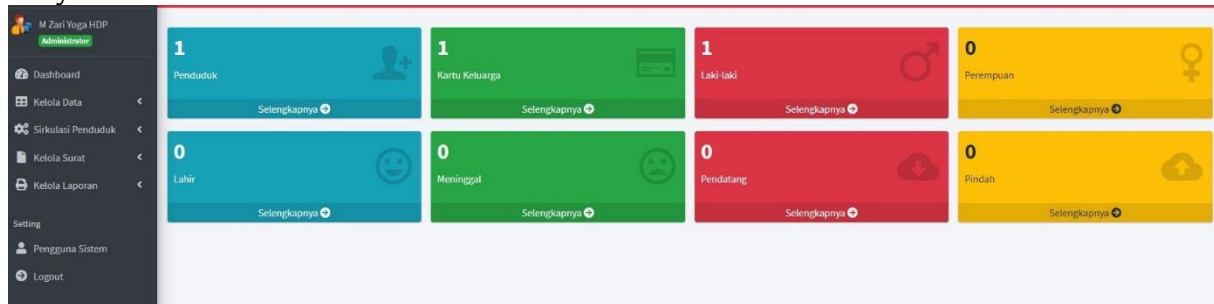


Figure 1. System Main Page

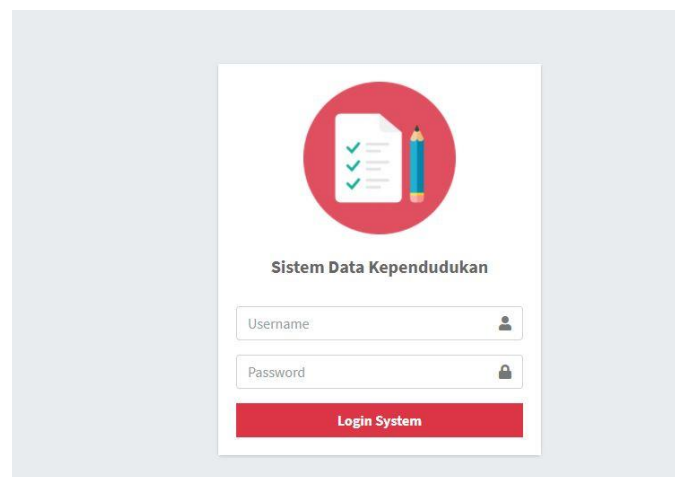


Figure 2. Login Page

Based on the results of the analysis of system requirements, the system design is carried out through, Flowmap, context diagrams, DFD. The context diagram in Figure 4 provides an overview of the built system environment.

b. Flowmap

A flow map is a mixture of maps and flow charts that show the movement of objects from one location to another[6-7].

The proposed procedure and Flowmap are as follows

1. Procedure for population data collection
2. Residents submit their KTP and KK to the RT.
3. RT inputs the data obtained from the data collection into the population db.
4. Then the system will save the data that has been inputted by the RT into the database.
5. Then the population db will send the RT input data to the RW and to the Head of the Government

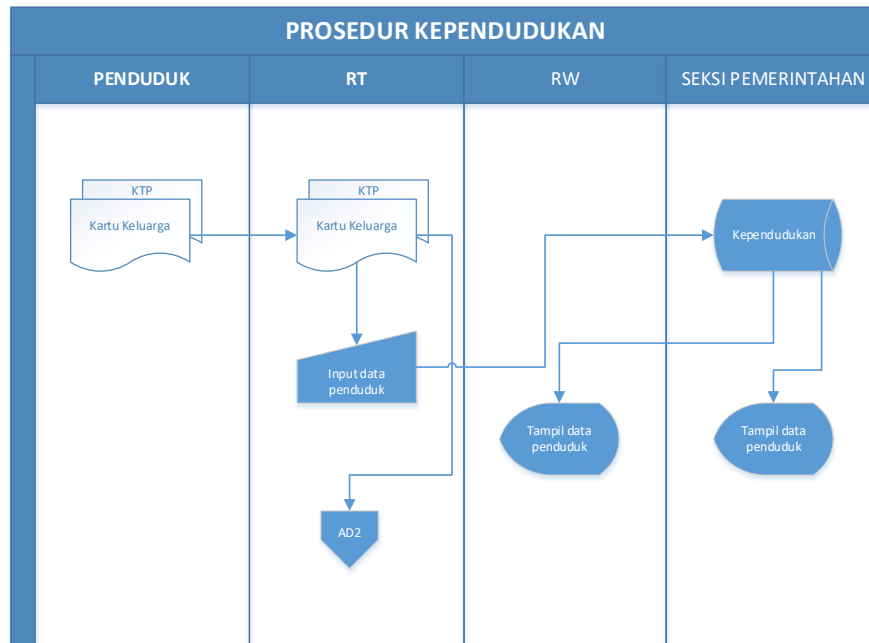


Figure 3. Population Procedure Flowmap

AD2= Family Card and KTP Archives

c. Context Diagram

Diagram context is a tool for structural analysis. This structural approach to describe the system in outline. In the context diagram that will be made, it produces the sources of information needed and the goals to be generated[8-10].

according , the context diagram is a special case of DFD (part of the DFD that functions to define the circle model), which is presented with a single circle that represents the whole system.



Figure 4. Context Diagram

d. DFD Level 1

The following is the analysis of the proposed Population data flow diagram in Padasuka Village:

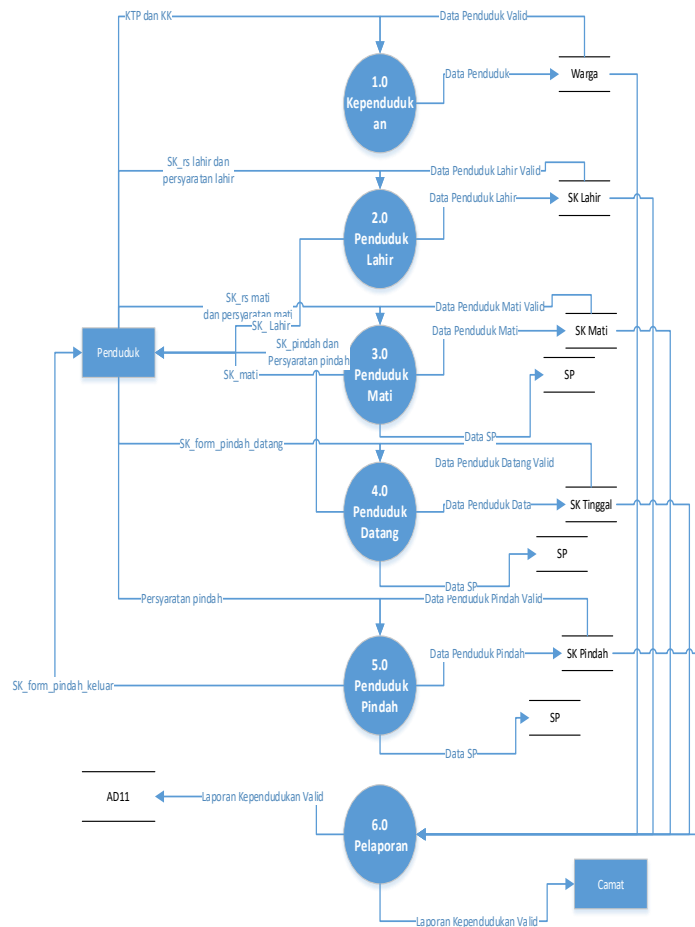


Figure 5. DFD Level 1

4. Conclusion

Based on the results that the author did in Padasuka Village, Cimenyan District, Bandung Regency, the following conclusions can be drawn.

1. The realization of a Web-Based Information System in Padasuka Village, Cimenyan District, Bandung Regency. as a means of delivering information that can be accessed by the Padasuka village community
2. Completion of the Padasuka Village Information System, Cimenyan District, Bandung Regency

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