ABSTRACT

INFORMATION SYSTEM PROCESSING POPULATION OF DATA (CASE STUDY AT KECAMATAN COBLONG AND KELURAHAN LEBAK GEDE)

By

Healthy Tiolida Purba

Demography is the science dealing with the collection technique, investigate, record and process data of the population that consists of processing the data of birth, death data processing, processing and the arrival of population displacement. Population data processing is a major activity undertaken by the village, where the population in doing data processing must be done quickly, precisely and accurately. But in reality it is still a lot of government agencies are still processing data manually population which causes several problems such as the slow process of service to the community, it is less accurate in making a monthly report which will be submitted to the district. Therefore needed a information system of data processing people that can assist in the processing of population data, thus speeding up the process of service to the community, to accelerate the process of reporting to the district so that it can influence the optimization of work processes in the Village and District officials.

Information system is built using the waterfall methodology which consists of the analysis stages, design by using Data Flow Diagrams for designing a functional model and Entity Relationship Diagram to depict the data model, coding by using programming language PHP and the MySQL database, testing is done using the Black Box Method Box and then maintenance is the final stage of the methodology used.

With the construction of the system is expected to facilitate the processing of population data at village level and simplify the reporting process to the district level.

Keywords: Information System, Population, district, Village, Black Box