

ABSTRAK

The E-KTP (Electronic Identification Card) implementation program is one of public services on population administration in Bandung Regency become the responsibility of the government of Bandung Regency. The nonexistence of information connection between the government of Bandung Regency and UPTD as the one who do the recording and the printing of the E-KTP caused problems on the control and recording of the E-KTP. The polemic on the E-KTP slow printing process is a big problem faced by almost UPTD in Bandung Regency because the data entry is always changing. The E-KTP slow printing process is caused by the limited equipment to support the printing process in Bandung regency, the unpredictable damage of the printing equipment and the lack of reserved supplies to be used when running out of assets.

To solve the problems, it needs to employ research method which works with changing cases; therefore, iterative incremental method is chosen. In solving the availability, the damage and lost of the equipments, it needs business process management changes using inventory management information system. To solve the connectivity between the government of Bandung and the UPTDs needs an open application called ERP/Odoo 12.0 version, to make system recording easier and control inventory online. Then it will be tested using user acceptance testing technique.

Finally the result of this final thesis is implementation on Odoo 12.0, the inventory modul based on the testing can help the recording and control on the inventory accurately on the E-KTP logistic of the government of bandung regency to help smoothen the E-KTP printing process

Keywords: ERP, odoo, Inventory Information System, Iterative Incremental Methods