

ABSTRACT

Technology advances and globalization today has provide much benefit for society in many aspect. In today technology growth making decision is one of curcial things in organization, because a decision can devine the organization in the future. Yayasan Kanker Indonesia (YKI) has established for 6 years spread accross city in indonesia. Voting has become part of this private organization in choosing their leaders. With E-Voting technology these day that has been implementate in many variation E-Voting is not a bad choice, one example is E-Voting combined with RFID, in indonesia they using E-KTP to be mark of singel identity for people to prevent double vote. With reasearch and system needs for YKI E-Voting is an combination of FingerScan and OTP, a web that could be access by user anywhere. Fingerscan is used to prevent voting result leaked, and OTP used to verified user so there will no double vote.

Keywords: Voting , OTP, FingerPrint Scanner