

ABSTRACT

Blood donation is one of the charity activities that is often done in the community. With this activity, the government through the Indonesian Red Cross (PMI) can store blood bags stock needed for help to people in need. Therefore, PMI often campaigned for these humanitarian activities and held in various places in Indonesia. But not everyone knows the information on these activities or can even do blood donations. Lack of information to the community and the conditions for donors such as medical history and the last time to make a blood donor, is one factor in the lack of people who participate. The system of searching, processing and making data that is still manual makes the work of administrative staff less effective.

With these problems, then in this final project an information system will be designed. By creating a website that contains sources of information for the community around blood donors such as the requirements to become a donor, the number of donors that have been done and a schedule reminder for donors who have registered previously. The public can also find out the location and schedule for organizing further blood donor activities. In this system also provides data processing in real-time using a MySQL database (Structure Query Language).

With the realization of this web-based information system, it is expected to be a source of information so that many people are interested in and participate in blood donor activities at PMI Bandung. And making data processing systems easier and more effective.

Keywords: *Blood Donor, Web, MySQL Database*