ABSTRACT

Health is crucial for life. Health needs to be notice especially heart health. Heart function to pump blood to the whole body and waste the metabolism. Beats per minute (bpm) is parameters for measuring speeds the heart. A heart condition demonstrated from frequency heartbeat. Monitoring heartbeat required to monitors the state of heart periodically. Monitoring heartbeat web based designed by using Cloud server as a media storage to store data that can be accessed online. The purpose of this research to ease in monitoring the situation heartbeat know that users heart health .

This system has been applied over several main application based web. Users who already have the account could enter the web while not yet having account must do account registration beforehand. Web display showed some information that is the name of users, age, sexes, disease history and the average heart rate/day. While for admin account contains more complete information from on accounts belonging to users like height, weight, history of the disease and medical record. If the heartbeat detected not normal then will send the notification to the smartphone users belonging to the family.

The results of experiments show that patients and doctors who have a role as admin could enter the web using accounts that already owned. Heart rate data of hardware will exist at the table in MySQL. When MySQL and web is connected on web will feature data according to hardware. A web admin fuller compared with a web belonging to patients.

Key word: Heartbeat, MySQL, Monitoring, Smartphone, Web.