ABSTRACT

Technology attends to give ease of the problem faced by society. One of the technologies developed is internet. Speed of data access is getting faster, so that it can be applied in broaden telemedicine by cyber world without physical contact between doctor and patient for doing a consultation.

In this Final Project had been made a system which aimed to give an alternative for patient of heart aberration who want to checked their ECG signal based on the internet. The system consist of three application, there are ECG monitoring, client application, and server application. Monitoring ECG application is an interface from electrocardiograph to patient. Electrocardiograph shows ECG signal as output. From the signal, ECG parameters can be measured.

The patient on the client side. On the client application, the patient take ECG signal and ECG text files to her/him account on the ECG monitoring web. On the server application, there is a cardiolog which analyze the input from patient. All of the web application connect to the databases of medical record patient. With these system, the patient do consultation with cardiolog.

Key word : Electrocardiogram, monitoring, client, server