

## ABSTRACT

Examination is an important media to determine grade of student, but sometimes there are being dishonest act. One of the reason maybe because of infirm of the stakeout. Being the development of technology, so there is found another alternative in examination controlling. One of them by using live-streaming technology. The condition of examination is captured then streamed from server.

In this final project has created a system of "EXAMINATION MONITORING USING STREAMING VIDEO BASED ON WEB". Its realization has created two server, streaming server and web server. Client can access video streaming that has captured by webcam through the web.

As for result from making of EXAMINATION MONITORING USING STREAMING VIDEO BASED ON WEB , this is can be used in examination monitoring to reduce dishonest act. Delay that occurred when accessed in one client is 30.813 ms, and the jitter value is 54,57, both of them included in good category referred from ITU-T standard. While the MOS value which obtained from the opinion of 30 user that used this system is 3,26 that included in good category.

Key word: *video streaming, web, webcam*