ABSTRACT

By the growth of technology, human necessary will growth too, then the human's ability in system have to increased. In technology growth, web and computer using will make very big web of computer and it can accessed by people in the world and it is called internet that it can accessed every time and everywhere. The one of internet technology that popular until now is World Wide Web (WEB) that can serve informations in teks, picture, moving picture and also sound. In communication world, cellular phone is increased too. Information sending in teks, picture, moving picture and also sound isn't impossible. Now, cellular phone factories serve some facilties to use the technology, the one of facility is General Packet Radio Service (GPRS). This facility also can used in anytome and everywhere. A day before this technology was served by Global System for Mobile communications.

This project purpose is design and create a monitoring system using some webcams and we can increase the security of that room. The result was get by webcams will processed in server that using monitoring program and have IP ByPass Proxy is served by ITT server and continue to internet, so user can monitoring the room far away from user by using PC/Notebook that connected to internet and also user who have PDA that serve GPRS and can showing the picture from webcams by using internet in GPRS.

The result from designing security monitoring system by using some webcams with through internet and GPRS is capability to transfer data Internet Service Provider (ISP) with using PC browser with average time is 11,2495 s, with using PC browser use handphone as modem with average time is 5,561 s, and with using PDA browser with average time is 14,0394434 s.