

ABSTRACT

Nowadays, cellular technology is very develop so enable existence of high-speed data service (high datarate). According to all above so an application of surveillance system is made which using handphone as a device to observe a location which have set of a surveillance camera. Later this system can be expected give more amenity for user because it can observe or see condition of a location which have set of a surveillance camera without having to reside in the location, so that we can observe any time and any where.

By attending of Java technology which can serve assorted of internet application for handphone, included of multimedia streaming over IP, this application made with J2ME programming, so that it can be used for handphone with Java Enabled. This application appearing image which is downloading from server with surveillance camera. By using a software image capture, image is captured according to time interval which have been determined and save it using JPEG format, and then uploaded by server, so that it can be accessed through handphone with GPRS technology. Capturing image process using motion JPEG Streaming that is picture which have captured and uploaded by server, and then downloaded by handphone to be appeared on handphone screen in periodical as according to time interval determined in program. So that change of location condition which have captured by camera appropriate with time change, can be seen on handphone screen.

Keywords : J2ME, Motion JPEG Streaming, Handphone