

ABSTRACT

The interaction between lecturers and students in universities, in general the students communicate and lecturers using SMS or directly to the room kubikal lecturer. But it does make the faculty room looks uncomfortable, if students wait in the room. From these conditions, it takes the system to inform students whether lecturers are indoors or not by using the existing display outdoors lecturers. Lecturer detection system using a switch on - off created can be viewed automatically lecturers who are in the room with the Arduino Uno with Visual Basic 6. The screen display is only for memeberitahukan presence or absence of lecturers in the room. If there is a lecturer display will light up green, if there are no lecturers display will light up red. And using VoIP Asterisk with sofphone MicroSIP used for communication between students and lecturers.

Keywords: Arduino Uno, Visual Basic 6, VoIP, sofphone MicroSIP