ABSTRACT

One of the most important aspect at working environment is a comfortable space, including for University Lecturer. In addition of comfortable space, the other important aspect is confidentiality. Both can be preserved by limiting people to be allowed to enter the Lecturer's room.

Therefore, it needs a new system. A panel system which help visitors to find out the availability of the Lecturer inside their room and to request the Lecturer to have a meeting or discussion. The Panel consists of touch screen monitor connected to raspberry pi and showing a GUI application.

The system is connected with another system including lock door mechanism that provide access to enter the room, and remote system used by Lecturers which granted visitors to come in. The Panel system and the integration have been running successfully as expected.

Keywords: Visitor Panel, raspberry pi, Touch Panel