

ABSTRACT

Feel worry to valuables or a private room that have by someone or grup actually is ever happen. The crime like robbery in home or building room's be main reason appeared for all of people Every people always need to ensure condition of room, house or building is save and be spared from peoples that not recognizable. For that need a security system and devices that to acces in everywhere. This is the trigger to make this application.

This application was design as a device that to give room or building information's to user. Eclipse IDE be tool that use for build this application with java as aprogram language. To support streaming futur, then IP Camera use as tool to capture image. To can controlling the door in emergency condition, microcontroller used to get command from user to lock or unlock the door. And for the room information, it use mysql server database that can access in internet network.

Application was tested by 4 smartphones that each type for running all of menu in this application. In blackbox testing, the result is all smartphone can running all of menu in this application with good. Internet network that connected in smartphone must stable that smartphone can with good display data from server.

Keyword: Android, security camera