Abstract

"Room-Monitoring Application on Android Platform Technology" is an application which made to know what is happening in specific room. Information which displayed by this application contain record video and notification from application.This application is made so that the user can monitor the room they left behind and to know the situation in the room via smartphone.

The result from this final project is a mobile application which can make the user can monitor the room they left behind and to know the situation in the room via smartphone. This application deployed at smartphone Android, so making User more easier to access the information. This final project established by developing software method named Waterfall, and UML diagrams for documentation, specification and modeling the system. This final project also built by using Java language programming on Android platform, using webcam for recording, MySQL and SQLite database and other software which supporting this. However, after the project is finished, then twe have made an application which can monitoring our room and receive notification srom server.

Keyword : Webcam, Monitoring, Android, Java, MySQL, SQLite