

ABSTRACT

Data collection and monitoring applications of telkom university students who occupy boarding house in permata buah batu complex is an application that give surveillance and data collection to students of Telkom University. This application are using SDLC Waterfall until implementation section. This application are made in two different platform, website and android and they are connected to NFC (Near Field Communication) technology. The website platform are used for monitoring of boarding house occupant in permata buah batu complex by Telkom University student affair and the head of permata buah batu neighborhood association as environtment person in charge. Android with NFC technology are used for student data collection beside that, there is android report. Android report are used for resident report if there is any disturbance by students.

There is two functionality in this application. The first one are, android that used for student boarding house address data collection and complaint sending, this feature are used by resident of permata buah batu. The second are, website that used by student affair Telkom University and the head of permata buah batu neighborhood association are for data management and resident complaint monitoring.

Keywords: Applications, NFC(near fiel comunication), Android, Website, Monitoring