

Abstract

The development of wireless networks, especially Wifi growing in various places such as schools, offices, hotels, colleges and so forth. Wifi networks thrive because the infrastructure is cheap and not too complicated in its application. So a lot of technology or system development that utilize Wifi network is because of low cost and adequate to be used as a transmission medium of a system. Based on the complaints of some students of the Faculty of Informatics, some students find out the difficulty of finding the location of lecturers and the presence of lecturers at a certain time. With so many social media applications such as LINE, Whatsapp, BBM sometimes feels less effective because we have to wait for the answer from lecturer so that we can not know the location of lecturer and lecturer's presence as soon as possible. The solution that will be used to solve the problem is to create a People Tracking system using Wifi network. In addition to utilizing the Wifi network on the colleges of Telkom University, also used Access Point as a conector between handsets and users tthat we will tracking.

Keywords : People Tracking, WiFi, Freeradius, Coovachilli, AccessPoint