ABSTRACT

Most people in Bandung still using public transport as a transportation, one of them is angkot (Angkutan Kota/Public Transportation). Because the city is the largest city in West Java, there are many streets that lead to many angkot route. Now the problem is how the people in the city can find out the angkot route. Because the city of Bandung is a city that has a lot of newcomers, such as the students who go abroad are still unfamiliar with the city of Bandung.

Therefore, we need a mobile application that can help to find out the angkot that will be used. This application helps the user to determine which ones should be rode in accordance with the best track. This application is designed to run on Android operating system. The method used when searching a path is A * Algorithm. A * algorithm will search angkot path from the initial position to the desired destination.

This application is able to provide recommendations of angkot and path that will be used to reach a destination based on the costs and distances.

Keywords: Bandung, Public Transportation, Angkot, Algorithm A *, Android.