

ABSTRACT

Telkom University is private university located in Bandung Regency, West Java. Telkom University has a land area of around 55 hectares with 48 buildings. In 2020, the number of Telkom University students reached 27,870 students. In moving from one place of origin to a destination on campus, students usually walk, using bicycles, motorbikes, cars, and bus. Telkom University has on-campus bus that provide on-campus transportation facilities for students, lecturers, staff and visiting guests. Bus on-campus currently only have a capacity of 11 passengers. This make prospective passengers feel lazy when they want to ride the bus because the bus are often full. Buses on campus currently use open body vehicle types, so passengers are at risk of falling or getting hit by objects from outside the bus. Good public transportation must have comfort and safety criteria. Buses on campus currently use a partially open body type of vehicle, so passengers cannot be fully protected from motor vehicle fumes and rainwater. Therefore, the authors designed a micro bus vehicle exterior on the campus of Telkom University that could carry more passengers and increase the comfort and safety factor.

Keywords: transportation, bus, exterior, function