

## ABSTRACT

### **“DESIGN OF MULTI-PURPOSE ELECTRIC TRANSPORTATION SYSTEM FOR THE BSD REGION”**

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*City transportation or public transportation (angkot) to be introduced in Jakarta in the late 1970s with the name mikrolet to replace the oplet which was considered too old, which often experienced engine disruption which disrupted the smooth flow of traffic. Angkot itself is a public transportation route that has been determined. Unlike the way bus which has a stop as a designated stop, city transportation can stop to raise or drop passengers anywhere. The type of vehicle used is type 1 such as a car (minibus or small bus). The operation path of a city transportation can be known through color or code in the form of letters or numbers that have the body of the vehicle.*

*All data obtained in the design process is the result of direct observation in the field and study of literature. Observations are made to look for design references and analyze competing products, while literature studies are conducted to gather the basic material to be delivered in the design results. Data is collected qualitatively and then analyzed to solve design problems. The design is made by considering the ergonomics and implementation of public transportation that has operated in the BSD area and its surroundings.*

**Keywords:** Public transportation, Angkot, Platform, Electric vehicle, Government

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