

Optimizing Delivery Routes for *PT. Global Jet Express* using *Generate and Test Method*

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ABSTRACT

PT. Global Jet Express, based in Gununggangsir hamlet, Beji District, Pasuruan Regency, is a freight forwarding company committed to providing the best service to its customers. In striving for efficiency in cargo delivery, the company prioritizes finding the shortest routes to reduce travel distances. However, challenges often arise in determining the shortest route during cargo delivery. To address this issue, researchers will develop a system called "Optimizing Delivery Routes for PT. Global Jet Express using Generate and Test Method." This system will input hamlet data for each delivery, allowing senders or couriers to determine the shortest route from the originating hamlet to the delivery destination. Thus, it is hoped that cargo delivery can be carried out more efficiently and punctually.

Keywords: *Generate and Test, Determination of Shortest Route, Delivery*