ABSTRACT

Package delivery expedition is a company that provides services in the form of package delivery. Package delivery is carried out by a courier who relies on knowledge of a region but the delivery of a package that relies on the knowledge of a courier's area has an impact on inefficient delivery times and causes packages to arrive without a recipient.

With these problems, an application is designed that can send packets with the fastest route sorting. Address data is taken from Google Maps, then using the Bellman-Ford Algorithm is an algorithm that can find the shortest distance. In the end this application will produce the fastest address route sequence output. Thus, it is hoped that this application can improve efficient package delivery.

Based on the results of the distance search simulation test using RPA, RPA searched 100 times, in this study the Robotic Process Automation (RPA) method succeeded in finding the appropriate distance between coordinates.

Keywords: *Package Delivery, Robotic Automation (RPA), Travel Package Destination.*