***ABSTRACT***

*Distribution problem at PT. Rocky Wiraindo Prima Gorontalo are the factors that influence the smoothness of a distribution process such as distribution system, distribution route determination and transportation tool. Transportation reflects how quickly and how well the product can move from one place to another. Shown as time in transit, timeliness in transport and service accuracy (consistency of service). If a product is unavailable in times of unexpected losses, such as loss of sales, consumer dissatisfaction, loss of consumer confidence and production delays.*

*Shortest path determination results will be a consideration in showing the path taken by the fleet of goods distribution at PT. Rocky Wiraindo Prima Gorontalo with the help of geographic information system. In the completion of this nearest route search can use Dijkstra Method. This method can complete the search of the shortest route from a vertex of origin (PT Rocky Wiraindo Prima Gorontalo) to the destination vertex (Outlet-outlet) in a weighted graph.*

***Keywords****: Geographic information system, Route Search, Method of Djistrak*