

## ***I-GO : Intelligent Route Selection Using Dijkstra's Method***

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### **ABSTRACT**

*We introduce I-GO, a smart path selection system that uses Dijkstra's rule. I-GO combines Dijkstra's rules with real-time data on traffic, road conditions and user preferences to choose the best path. This system is accessible via a mobile app or web platform, and generates the optimal route taking these factors into account. By using I-GO, users can get an estimate of the travel time that best suits their choice. This application provides data analysis in the form of graphics and geographic (GIS, Geographic Information System). The data that has been inputted is the city and district in Balikpapan. This application has been presented before the Minister of Health and received a good response for further development.*

**Keywords : Technology, Algorithm, Dijkstra**