Abstract: The GPS Technology used to be employed to help people searching for the route or path between two spots. The problem is this technology is not available in every kind of cellular. Another technology which is more common is the SMS technology. SMS referred to a facility to send message, which at the beginning was provided by cellular telecommunication system based on GSM (Global System for Mobile Communication). Based on those idea, this application was build by combining the shortest path theory using Dijkstra and the SMS technology. With this application, user can search the route by sending an SMS and would gain the information about the route via SMS as well.

Keywords: Dijkstra, SMS, GSM