

Abstract

In recent years, more and more tourists make the city of Bandung as a tourist destination, with the reason that Bandung has interesting and varied tours compared to other cities around. Internet is the main source of tourists in searching for information tourist destinations, the amount of information available on the internet sometimes does not provide convenience for information seekers, even make users more confused in choosing the destination. The authors propose a system that can be used to help tourists in the area of Bandung in making scheduling and determining tourist routes, this system also supports scheduling for several days. This system also takes into account the user's preferences, such as when the user wants to set the scheduling by prioritizing rating, travel time and budget according to the degree of interest (DOI) the user enters. The result of this system is a schedule of tourist for visits featuring with time of visit for each object, travel time between tourist attractions, and approximate hours back to hotel.

Keywords: tourism, city travel, ant-collony.