ABSTRACT

In tourism sector, the effective use of technology and distribution of information has great importance. In this study, we presented design and implementation of a web-based and Geographical Information System (GIS) aided tourist route planner (Web-@ncient©) developed for Turkish Aegean Region which has rich historical and cultural attractions. Application infrastructure created by Virtual Earth Map platform services. The study covers 212 ancient city in the eight provinces of Aegean region (Izmir, Manisa, Aydin, Denizli, Mugla, Usak, Kutahya and Afyon) with a choice of two different languages, including Turkish and English. Web-@ncient application aims to provide more planned and enjoyable trip for users who are interested in the historical and cultural attractions, by informing them about the ancient cities around the route of travel in terms of time and efficiency of trip.

Keywords: Geographical Information Systems, Tourism Information Systems, Tourist Route Planner