

ABSTRACT

The growth of technology affected the development of some sectors in the world, one of them is the tourism sector. The tourism sector increased in recent years as it has been estimated by the World Tourism Organization (WTO) in 2003. The Internet was used as a source and a place to share information about the tourism. But the information results on the internet is not well organized, it has become troublesome for the tourists to seek more detailed information in a short time, especially for tourists who want to organize a self-touring.

GoTrip is an Android mobile application which become a place to share about the tourist locations. Members can use the features in the application, such as the Home feature to see the latest review of a location, the Find feature to show tourist sites in an area, the Nearby feature to see the nearby tourist locations from the member location. This application was made by using a modified waterfall method. The programming language used are Java and PHP, Java for Android programming in Eclipse and PHP to connect Android to MySQL database. The availability of the Internet and GPS affect the management of information on the application GoTrip. Information processing results can not be displayed without both of these. The entered information from the members will be used as the tourist site recommendations for other members. So the application GoTrip can be a well-organized place to share the review of tourist sites and facilitates users to make travel planning.

Travel planning systems GoTrip could allow a user to do travel planning and become an organized sharing place of tourist site reviews. The travel planning refers to the point of a user's location or destination location. The next development of GoTrip should be able to suggest a better travel planning, comprehensive content and a better GUI.

Keywords: crowdsourcing, waterfall, tourism, android, mobile application