

ABSTRACT

INTEGRATED WEB-BASED TOURISM APPLICATION DESIGN WITH TOURISM NEEDS USING A PROTOTYPING APPROACH

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Information and Communication Technology (ICT) can be used for the tourism sector as a means to facilitate the public in obtaining information about tourism objects. This study discusses the design of web-based tourism applications. Web-based tourism applications can integrate websites that have the information needed by tourists and the public. Web-based tourism application using a prototyping approach. Web-based tourism application built with a structured native PHP programming language, MySQL database, and framework CodeIgniter. The process of making API (Application Programming Interface) for the process of exchanging data from web-based tourism applications with websites that provide other tourism needs. The results of this study are a prototype of a web-based tourism application that can integrate websites that provide information on tourism needs.

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