

Spontaneous Social Network for Thailand Tourism – System architecture and design

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Abstract

The growth of tourism in Thailand attracted many companies to develop applications for assisting tourist information. However, these applications may not satisfy all travelers' requirements in term of tourism and social network. In consequence, this study has been proposed a new prototype of the social network application to support tourist's requirement which call Spontaneous Social Network for Thailand Tourism (SocialNTT). The SocialNTT application was designed to improve the quality of information by integrating two types of data as social network and tourism from reliable resources as Tourism Authority of Thailand (TAT). The prototype of the application divided two parts: the first was SocialNTT in client side which created to run on Windows Phone 7.5 and the other was SocialNTT in server side which created to run on Jetty Web server. This prototype focuses only server application to serve the Restful web services for client using by JavaScript Object Notation (JSON). The prototype test results of TAT's resource work well.

Keywords : System architecture and design, Social Network, Sever application, Tourism

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