

Name of product : Virtual e-Stay Booking System

Researcher details

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Cluster/Area of study : IT

Status of the product : Prototype

Product description :

Nowadays, there are more online booking system for accommodation such as homestay, hotel, resorts and etc. but a few problems regarding user interaction still exist, such as lack of searching activity with the use of panoramic view. This is cause of user cannot visualize nearby accommodation. Then, there is no dynamic hotspot in virtual tour which effect to the searching activity for availability. Another is about the owner of the accommodation are difficult to create and manage virtual panoramic environment for all public accommodation. So that, the system is look static, not interesting and also user cannot immerse themselves in the environment. Online Public Accommodation Booking System using Virtual Panoramic Environment (OPABS-VPE) provides a virtual tour environment such as 360⁰ for room reservations homestay, hotel, boat, campaign and resorts. Through this system, users can see, feel, immerse and visualize like being in a real place and be able to interact with the environment. The main contributions of this system are to provide a realistic user experience in order to choose appealed accommodation and offer the automated individual updates of virtual panoramic environment using a still photo in the OPABS-VPE.

