ABSTRACT

The number of backpackers in Indonesia has increasing year by year. The needs for information about backpacker is getting bigger . Information about travelling, alternatives routes, recommendation destinations in Indonesia, backpacker needs, and also trip review from another backpacker. One of the media to obtain the information is by using internet. However, the current of the portal website on the Internet did not providing the backpacker needs, not integrated and not easy for user to communicate each other. In this study, The website built specifically for backpackers in Indonesia with crowdsourcing-based methods using Rational Uniffied Process and using Rating based Recommender System Item to Item to address the sproblems. Analysis and design of this web portal using UML and programming languages PHP framework CodeIgniter then this website portal is tested by functionality testing and user feedback. The test result shows that the system is in accordance with the system design and user requirements.

The concept of crowdsourcing used in this study is by gathering the information obtained from users of the website. Use of Item to Item Rating Based Recommender System aims to facilitate user searching for information required in accordance backpacker traveling user interest and recommendations provided by the system more trusted by the user.

Results of this study is the web can help users to share information about backpacker, backpacker information retrieval is needed, as well as travel review recommendations made by the user in an integrated backpacker.

Kata Kunci *: crowdsourcing, recommendere system, backpacker*