

Urban Retrofitting Application Based on Social-Media to Model the Malioboro Smart Central Business Design through Statistical Regression Approach

Authors : Muhammad Hardyan Prastyanto, Aisah Azhari Marwangi, Yulinda Rizky Pratiwi

Abstract : Globalization has become a driving force for the current technological developments. The presence of the Virtual Space provides opportunities for people to self-actualization through access to a wider world, quickly and easily. Cities that are part of the existence of life, witness the history of civilization over time, also has been the major object to upgrading on technological sector. A smart city is one where the government and citizenry are using the best available means, including ICT, to achieve their shared goals. This often includes economic development, environmental sustainability, and improved quality of life for citizens. Thus theory is the basis for research of this study. This study aimed to know the implementation of the Urban Retrofitting at Malioboro area based on Information and Communication Technologies. The method of this study is by reviewing the effectiveness of the E-commerce uses as a major system to identification the Malioboro Smart Central Business District. By using a significance level of 5 %, it can be concluded that addresses have a significant influence on the ratings obtained, namely regarding the location of the hotel establishment. But despite the use of the website does not have a significant influence on the rating of the hotel, using the website still has influence significantly on the rating, because the p - value (Sig.) of the variable website is not so much different from the significance level determined by the researcher. In the interpretation, if a hotel is located on the Pasar Kembang streets and not to use the website, so the hotel is likely to have a rating of the constant value which is 3.183. However, if a hotel located on the Sosrowijayan streets, so the hotel rating will be increased by 0,302. Then if a hotel has been using a website, so the hotel rating will increase by 0,264. It is possible to conclude the effectiveness of ICT's (Website) uses and location to identification the urban retrofitting through increasing of building rating in Malioboro Central Business District.

Keywords : urban retrofitting, e-commerce, information and communication technology, statistic regression, SCBD, Malioboro

Conference Title : ICSAUD 2016 : International Conference on Sustainable Architecture and Urban Design

Conference Location : Paris, France

Conference Dates : October 24-25, 2016