

Development of the 3-Dimensional Map in the Bandung Regency Government Complex

Development of the 3-Dimensional Map in the Bandung Regency Government Complex

Ketua : HANHAN MAULANA S.Kom, M.Kom

Anggota : R Andriana, H Kanai

Department of Informatics Engineering and Computer Science, Universitas Komputer Indonesia, Bandung, Indonesia.

School of Knowledge Science, Japan Advanced Institute of Science and Technology, 1-1, Asahidai, Nomi, Ishikawa, Japan

Email : hanhan@email.Unikom.ac.id

Abstract. The purpose of this research is the development of 3-D Maps in the Government Complex of Bandung Regency to facilitate the people in Bandung Regency to find the location of official offices related to administrative needs. The research method used was qualitative and quantitative methods and there are several stages carried out in this study consisting of 4 stages. The first stage is data collection and analysis, software development, system testing and the last stage is drawing conclusions. The application built models the agency office and environment in 3D. The application built also has the closest route search feature using the Dijkstra algorithm. The results of this study are that the system also provides information relating to the agency office. Based on the results of user acceptance tests conducted on residents, more than 70% of the population agree that this 3D map makes it easy for residents to find the location of a building and determine the closest distance to that location. With this 3D Map, residents no longer need to worry if they get lost in the complex area of the Bandung Regency Government and can also quickly find the location of an official service office.

Rabu, 28 Oktober 2020 - 01:49

<http://dp3m.unikom.ac.id/penelitian/view/development-of-the.340.html>