ABSTRACT

**RANCANG BANGUN SISTEM INFORMASI KEGIATAN WARGA BERBASIS WEB
(STUDI KASUS PADA PERUMAHAN CIBUNGBULANG TOWN HILL CLUSTER CIREMAI)**

Abdul Rahman[1], Rufman Iman Akbar Effendi[2], Marcello Singadji[2]

[1] Student of Information Systems Department, Pembangunan Jaya University
[2] Lecturer of Information Systems Department, Pembangunan Jaya University

Improvisation and innovation in companies or organizations today take advantage of information technology. The development and convenience of information technology has brought many changes in interactions and transactions in everyday life. The management system activities for administrators and residents in the Cibungbulang town hill cluster Ciremai housing in West Bogor district in particular are currently still not utilizing technology and information evenly, managing information on citizen activities still using a manual system in collecting, managing and maintaining information. So residents do not get information quickly, and accurately, causing disharmony in the residential environment. Therefore, it is necessary to design a web-based information system that can assist in collecting, managing and maintaining information on citizen activities that can be used as a medium of information, receiving and conveying information, communicating and so on. In research on the design of web-based information systems, the researchers limited them to building prototypes by developing a system using the Waterfall System Development Life Cycle (SDLC) method. Thus socialization among residents in the form of interaction of any activity can be contained and achieve the same goal so as to create a harmonious environment between residents, the system is only used for managing information on the activities of residents of the Cibungbulang Town Hill housing complex in the Ciremai cluster in West Bogor Regency.

Keywords: Technology, Information Systems, Waterfall