

## **ABSTRACT**

### **DEVELOPMENT OF WEB-BASED HOSPITAL EMPLOYMENT INFORMATION SYSTEM USING WATERFALL METHOD**

**(Case Study: Rumah Sakit Umum Daerah Kota Bandung)**

*Rumah Sakit Umum Daerah (RSUD) Bandung is one of agencies engaged in public health services that has responsible to the mayor of Bandung through regional secretary. As a mean of dealing with service to the health needs of the community, RSUD always manifests developments which will make the need for greater data processing. In fact, the current system is still manual, including the processing of employment data that involves 400 employees.*

*Hospital has a functioning part of human resource department that manages all matters related to employment. Activities undertaken include processing of employment data, employees' leave submissions, retirement submissions, benefit submissions, periodic salary increases submissions and payroll related to the finance department. In conducting these activities, there are some problems, such as incomplete hospital employee data since the charging and data summary are still manual, the data requirements for the submissions of leave, pensions, benefits, payrolls and periodic salary increases often take a long time as those do not use computerized form, and often occur recapitulation errors and data lost because those are not well documented and the submission process on leave, pensions, benefits and periodic salary increases which involve city government are often slow because of incomplete data.*

*These problems can be overcome by the development of the hospital employment information system that can help finance and human resource department for activities such as processing of employment data, and the submissions of leave, pensions, benefits, periodic salary increases, and payroll.*

*Keywords: employment information system, hospital, RSUD Bandung*